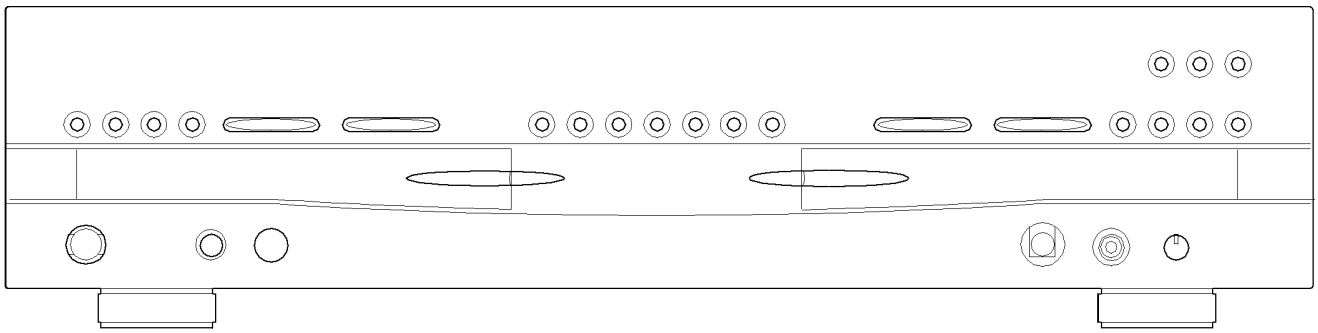
harman/kardon

Model CDR30

Dual Tray CD/CD-R/CD-RW Recorder/Player

PRELIMINARY SERVICE MANUAL



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SPECIFICATIONS

Playback Sampling Frequency	44.1 kHz
D/A Conversion	96kHz, Multi-Bit Delta-Sigma Conversion
Oversampling	128 Times

Playback Specifications

Frequency Response	2Hz – 20,050Hz
Playback S/N	100dB
Playback Dynamic Range	95dB
Playback THD	0.005% / –88dB
Analog Audio Output	1V RMS, ± 2dB (1KHz 0dB)
Digital-Coaxial Output	0.5 Vpp/75Ω
Headphone Output	0.5V RMS/32Ω Load (1KHz 0dB)

Record Specifications

Digital Dubbing Mode(X1/X2/X4)	Equal to source
Digital Input Sample Rate	32kHz ~ 96kHz
Signal/Noise Ratio - Analog	84dB
Signal/Noise Ratio - External(Sourse)	source-10dB
Dynamic Range	87dB
THD	0.005%/-85dB
Analog Input Sensitivity	300 mV RMS 47kΩ = 0dB
Digital Inputs (Direct Recording)	44.1kHz, ± 100 ppm/min.

General

Power Requirement	100~240V AC, 50/60Hz
Power Consumption	28 Watts
Dimensions	
Width	17.3" (440mm)
Height	4.4" (112mm)
Depth	13.9" (354mm)
Weight	14.3 lbs (6.5 kg)

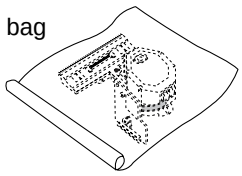
SERVICING PRECAUTIONS

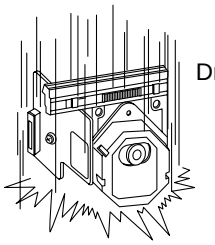
NOTES REGARDING HANDLING OF THE PICK-UP

1. Notes for transport and storage

1) The pick-up should always be left in its conductive bag until immediately prior to use.
2) The pick-up should never be subjected to external pressure or impact.

Storage in conductive bag

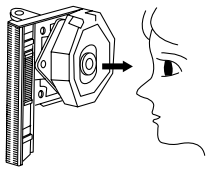




Drop impact

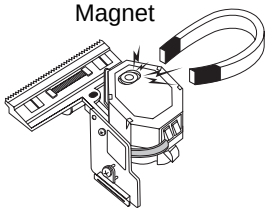
2. Repair notes

1) The pick-up incorporates a strong magnet, and so should never be brought close to magnetic materials.
2) The pick-up should always be handled correctly and carefully, taking care to avoid external pressure and impact. If it is subjected to strong pressure or impact, the result may be an operational malfunction and/or damage to the printed-circuit board.
3) Each and every pick-up is already individually adjusted to a high degree of precision, and for that reason the adjustment point and installation
screws should absolutely never be touched.
4) Laser beams may damage the eyes!
Absolutely never permit laser beams to enter the eyes!
Also NEVER switch ON the power to the laser output part (lens, etc.) of the pick-up if it is damaged.

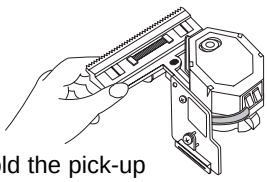


NEVER look directly at the laser beam, and don't let contact fingers or other exposed skin.

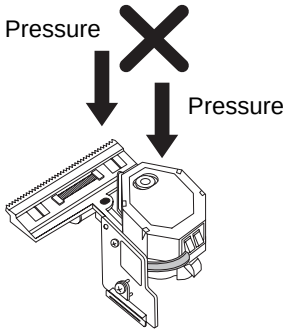
5) Cleaning the lens surface
If there is dust on the lens surface, the dust should be cleaned away by using an air bush (such as used for camera lens). The lens is held by a delicate spring. When cleaning the lens surface, therefore, a cotton swab should be used, taking care not to distort this.



Magnet

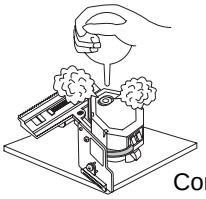


How to hold the pick-up

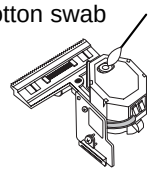


Pressure

Pressure



Conductive Sheet



Cotton swab

6) Never attempt to disassemble the pick-up.
Spring by excess pressure. If the lens is extremely dirty, apply isopropyl alcohol to the cotton swab. (Do not use any other liquid cleaners, because they will damage the lens.) Take care not to use too much of this alcohol on the swab, and do not allow the alcohol to get inside the pick-up.

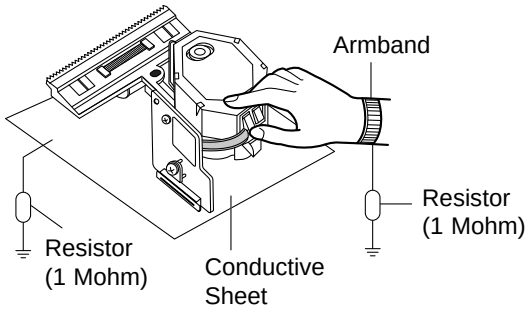
NOTES REGARDING COMPACT DISC PLAYER REPAIRS

1. Preparations

1) Compact disc players incorporate a great many ICs as well as the pick-up (laser diode). These components are sensitive to, and easily affected by, static electricity. If such static electricity is high voltage, components can be damaged, and for that reason components should be handled with care.
2) The pick-up is composed of many optical components and other high-precision components. Care must be taken, therefore, to avoid repair or storage where the temperature of humidity is high, where strong magnetism is present, or where there is excessive dust.

2. Notes for repair

1) Before replacing a component part, first disconnect the power supply lead wire from the unit
2) All equipment, measuring instruments and tools must be grounded.
3) The workbench should be covered with a conductive sheet and grounded.
   When removing the laser pick-up from its conductive bag, do not place the pick-up on the bag. (This is because there is the possibility of damage by static electricity.)
4) To prevent AC leakage, the metal part of the soldering iron should be grounded.
5) Workers should be grounded by an armband (1MΩ)
6) Care should be taken not to permit the laser pick-up to come in contact with clothing, in order to prevent static electricity changes in the clothing to escape from the armband.
7) The laser beam from the pick-up should NEVER be directly facing the eyes or bare skin.



ESD PRECAUTIONS

Electrostatically Sensitive Devices (ESD)

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive Devices (ESD). Examples of typical ESD devices are integrated circuits and some field-effect transistors and semiconductor chip components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

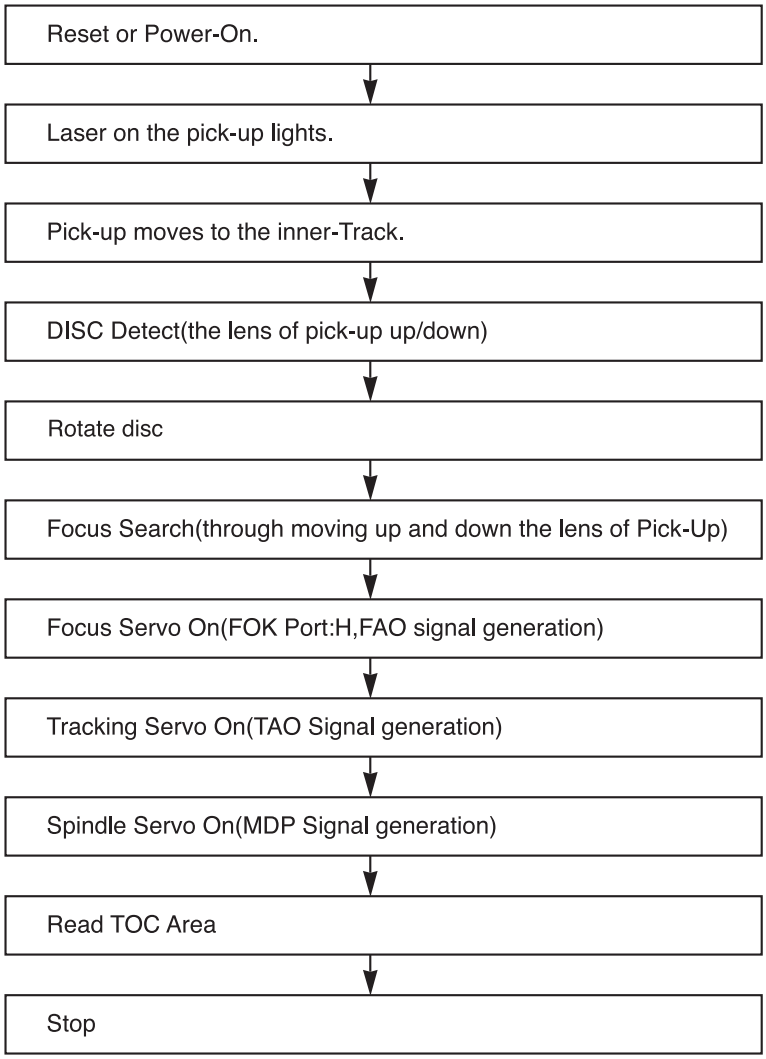
1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ESD devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ESD devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESD devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESD devices.
6. Do not remove a replacement ESD device from its protective package until immediately before you are ready to install it. (Most replacement ESD devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive materials).
7. Immediately before removing the protective material from the leads of a replacement ESD device, touch the protective material to the chassis or circuit assembly into which the device will by installed.

CAUTION : BE SURE NO POWER IS APPLIED TO THE CHASSIS OR CIRCUIT, AND OBSERVE ALL OTHER SAFETY PRECAUTIONS.

8. Minimize bodily motions when handing unpackaged replacement ESD devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ESD device).

TROUBLESHOOTING GUIDE FOR CD-P BOARD

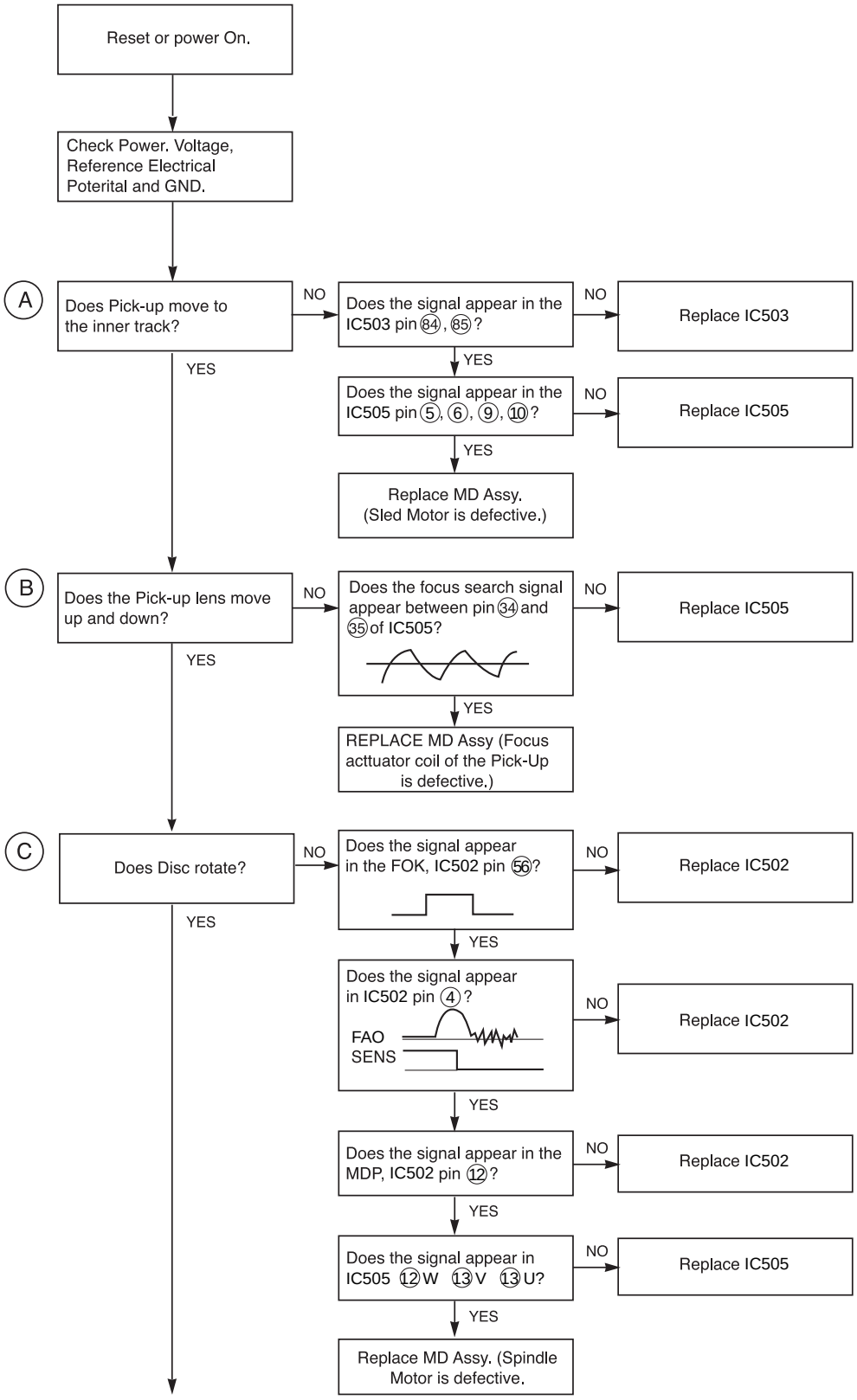
1. Initial Lead-in Operation

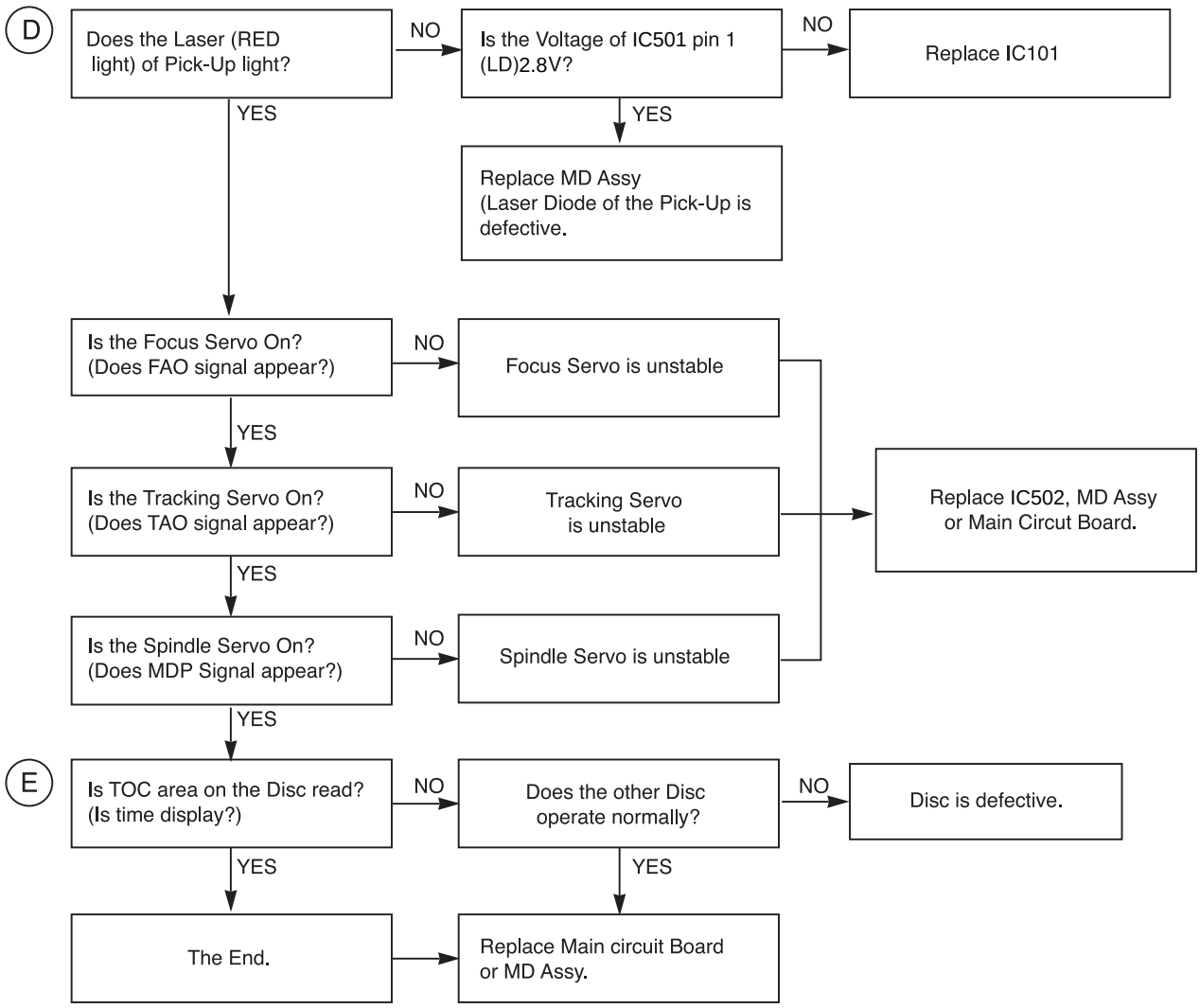

Reset or Power-On.
Laser on the pick-up lights.
Pick-up moves to the inner-Track.
DISC Detect(the lens of pick-up up/down)
Rotate disc
Focus Search(through moving up and down the lens of Pick-Up)
Focus Servo On(FOK Port:H,FAO signal generation)
Tracking Servo On(TAO Signal generation)
Spindle Servo On(MDP Signal generation)
Read TOC Area
Stop

2. Trouble List(Circuit)

(In the Initial Lead-in Operation Mode)
A. Pick-Up doesn't move to the inner-track.
B. Pick-Up lens doesn't move up and down.
C. Disc doesn't rotate.
D. The Laser(RED) of Pick-Up doesn't light.
E. TOC isn't read.

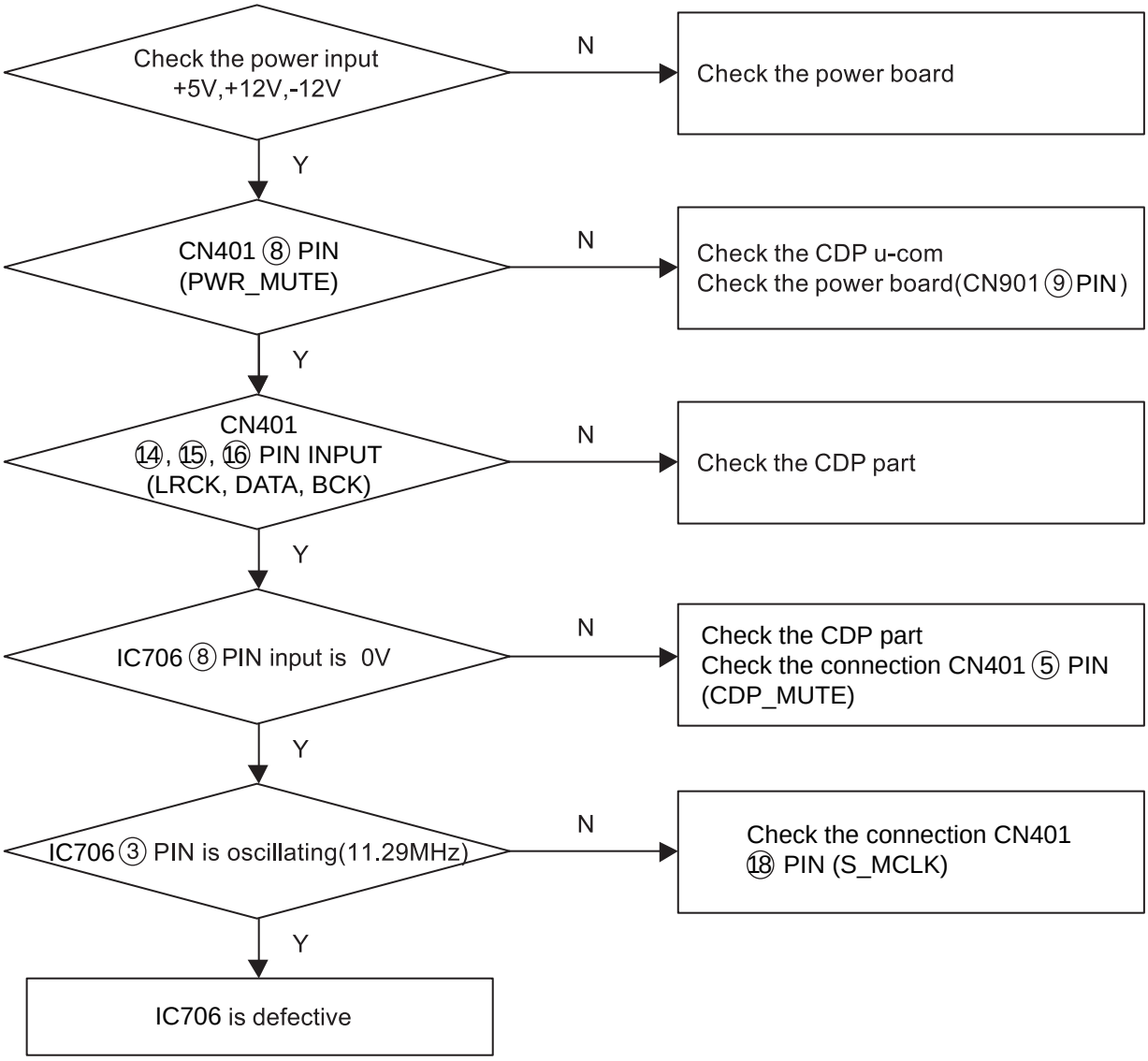
3. Troubleshooting Guide(In the Initial Lead-in Operation Mode)




D
Does the Laser (RED light) of Pick-Up light?
NO
Is the Voltage of IC501 pin 1 (LD)2.8V?
NO
Replace IC101
YES
YES
Replace MD Assy (Laser Diode of the Pick-Up is defective.
Is the Focus Servo On? (Does FAO signal appear?)
NO
Focus Servo is unstable
YES
Is the Tracking Servo On? (Does TAO signal appear?)
NO
Tracking Servo is unstable
Replace IC502, MD Assy or Main Circut Board.
YES
Is the Spindle Servo On? (Does MDP Signal appear?)
NO
Spindle Servo is unstable
YES
E
Is TOC area on the Disc read? (Is time display?)
NO
Does the other Disc operate normally?
NO
Disc is defective.
YES
YES
The End.
Replace Main circuit Board or MD Assy.

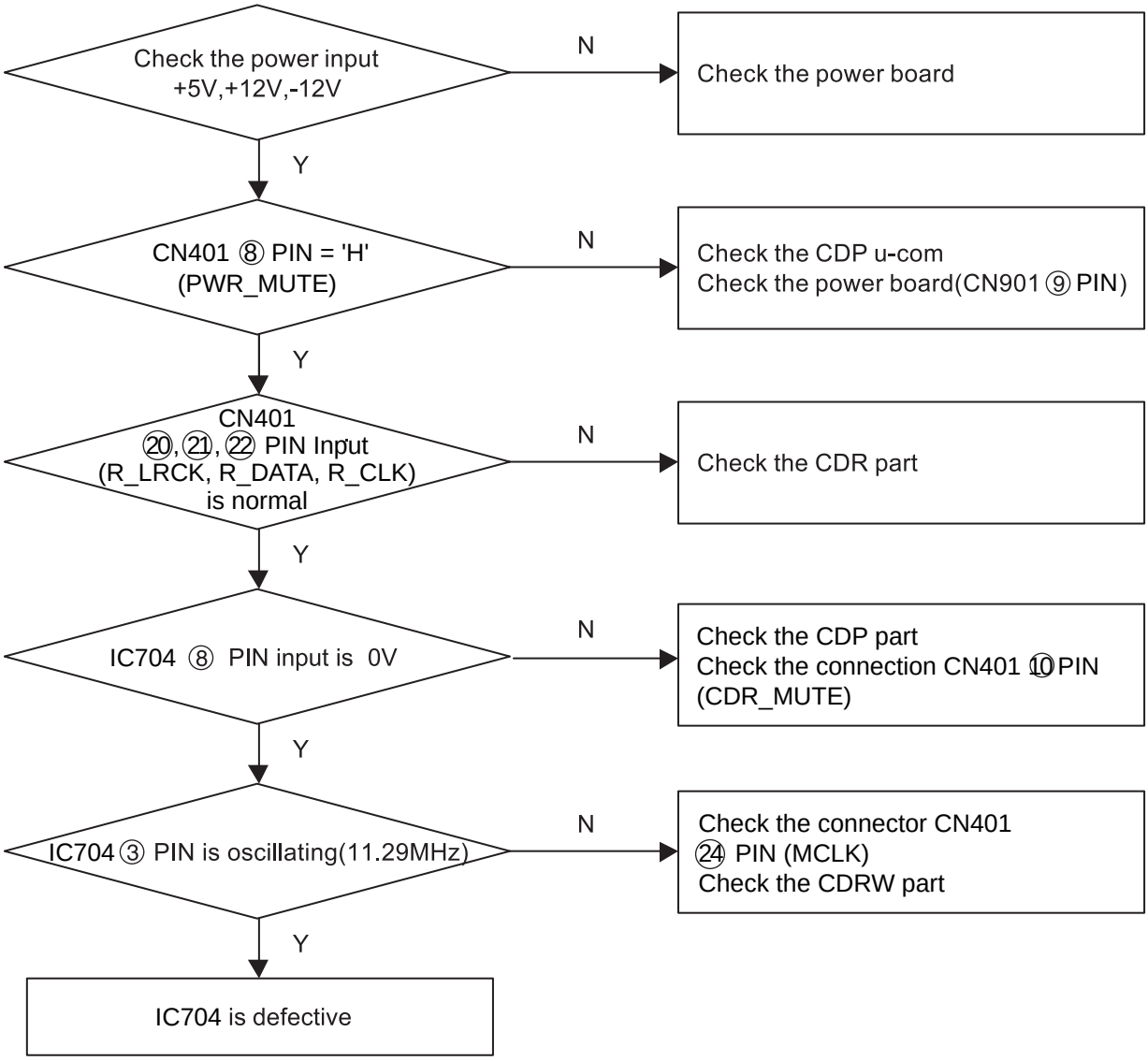
NO AUDIO(CDP JACK)

CURRENT DECK IS CDP

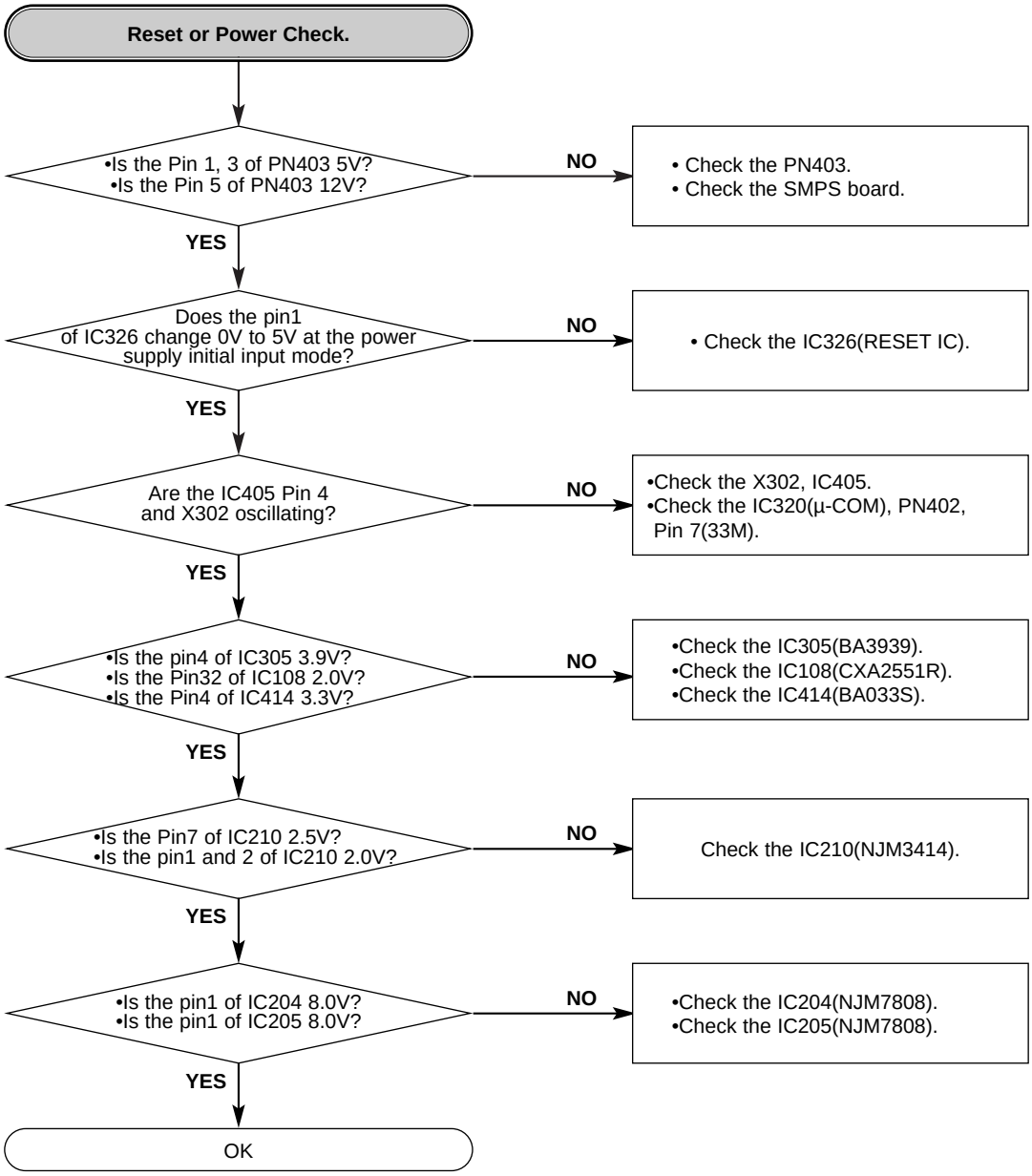


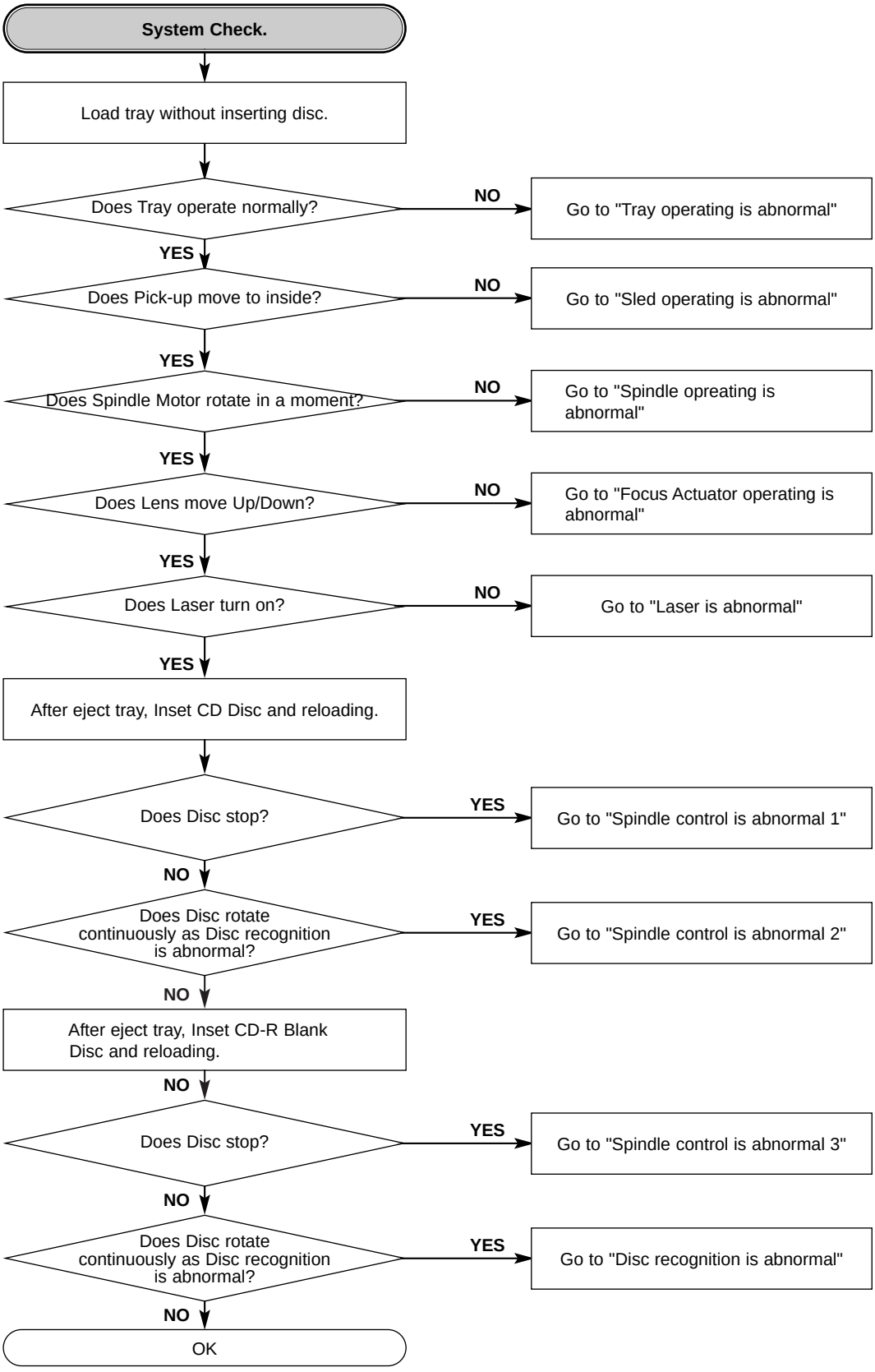
NO AUDIO(CDP JACK)

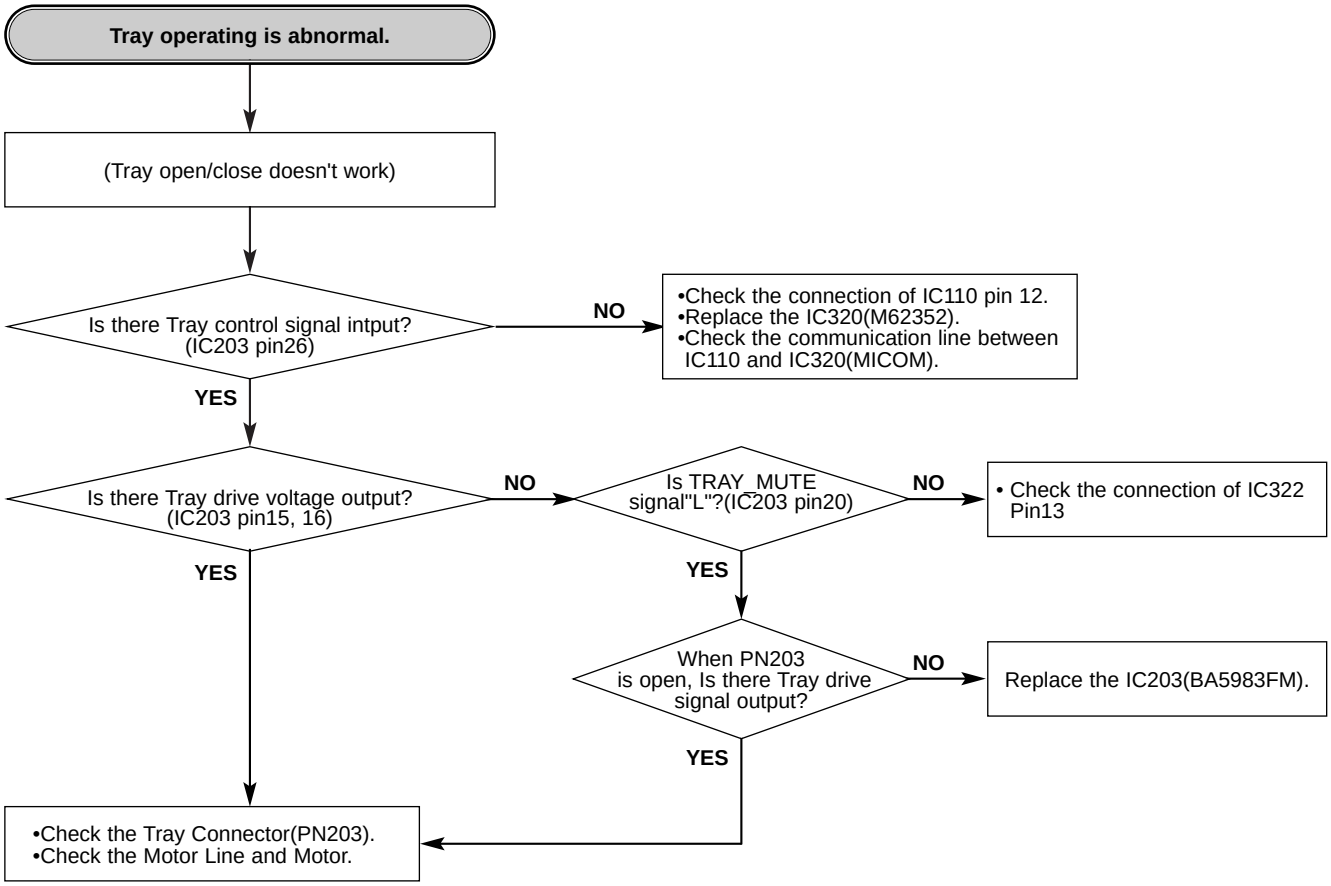
CURRENT DECK IS CDR

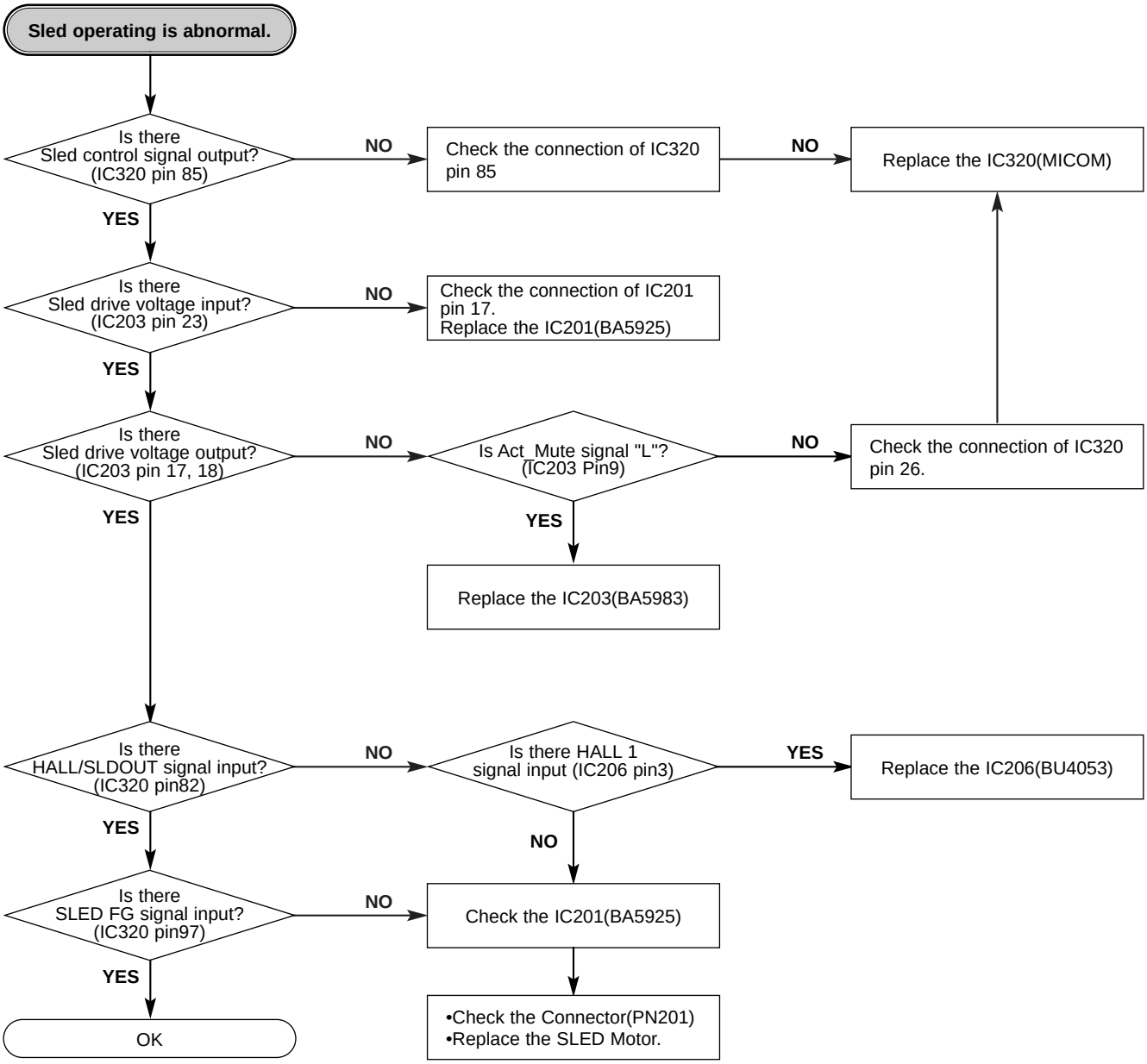


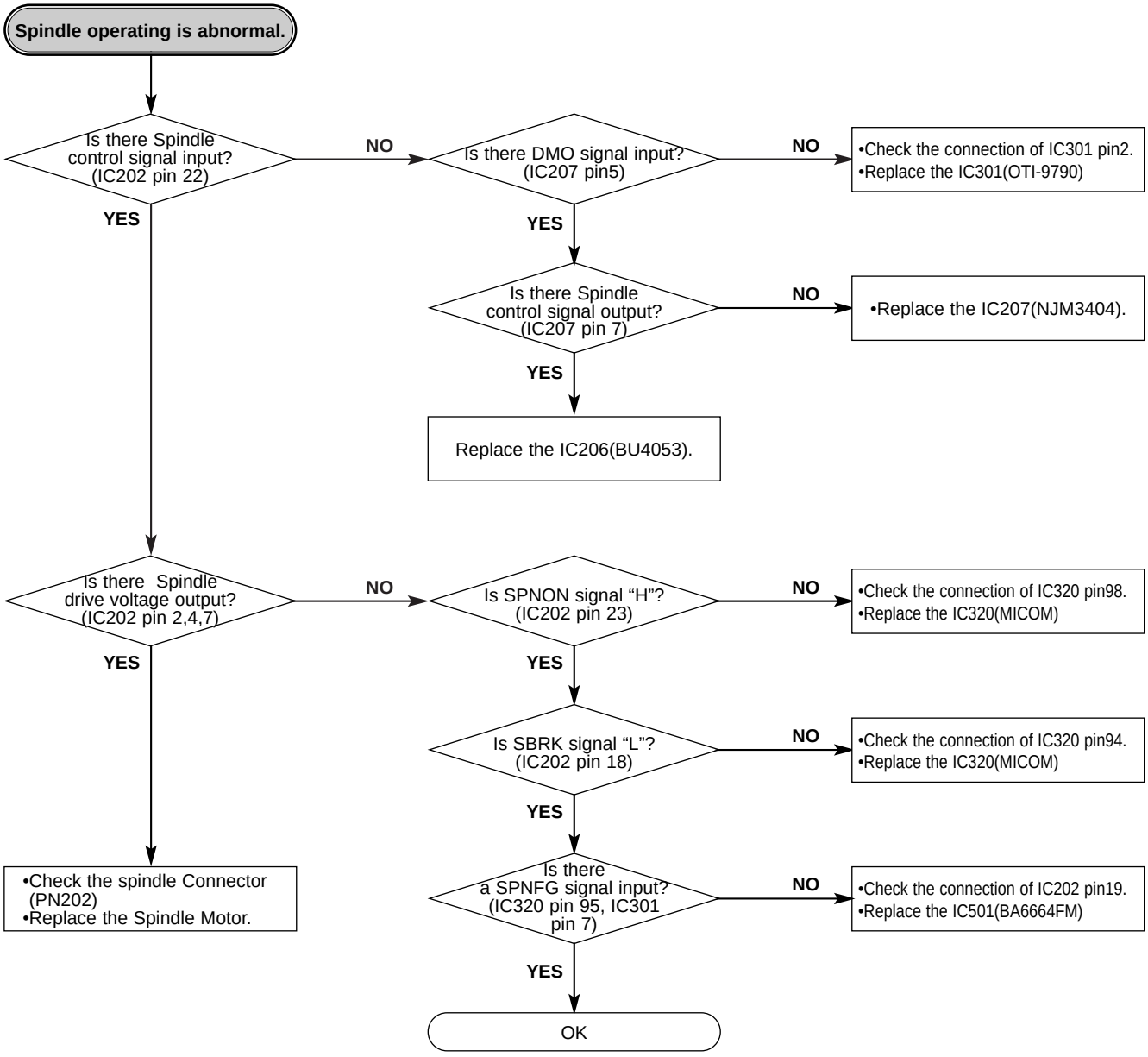
TROUBLESHOOTING GUIDE FOR CD-RW BOARD

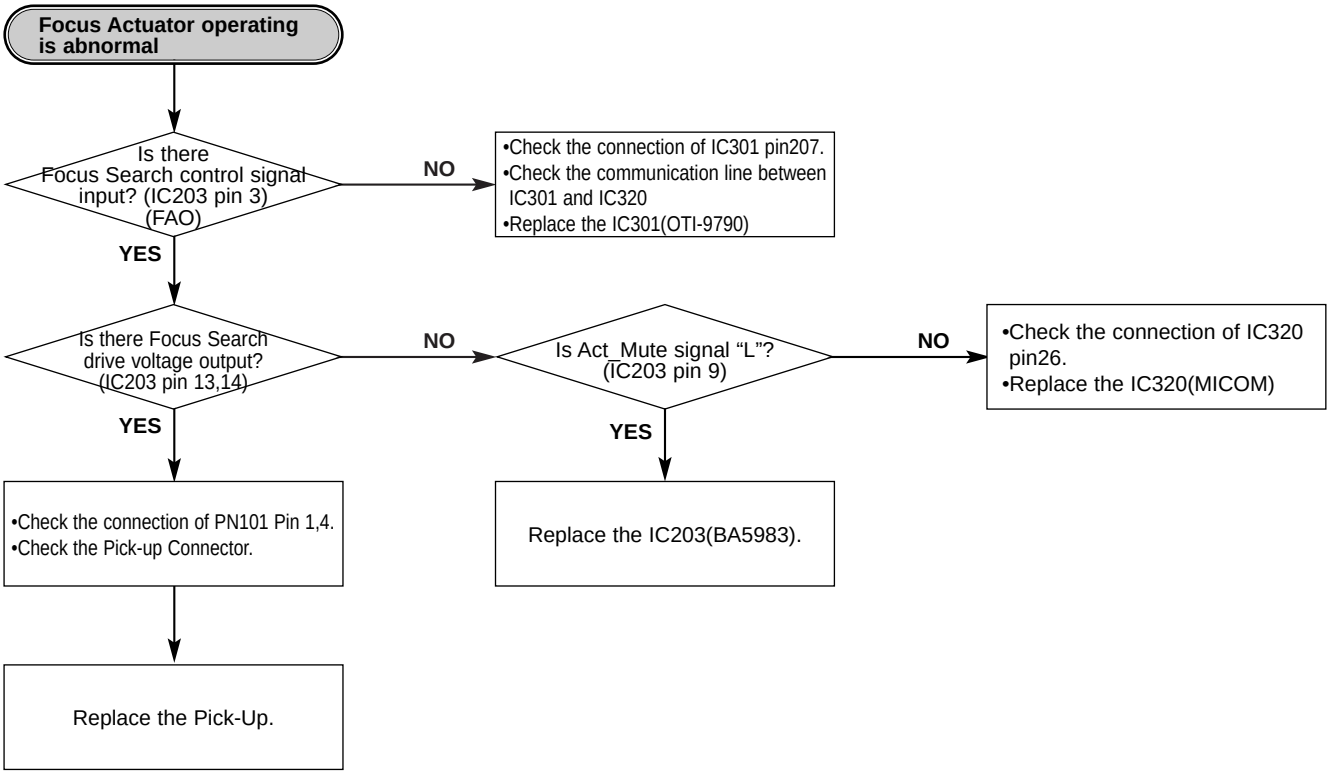


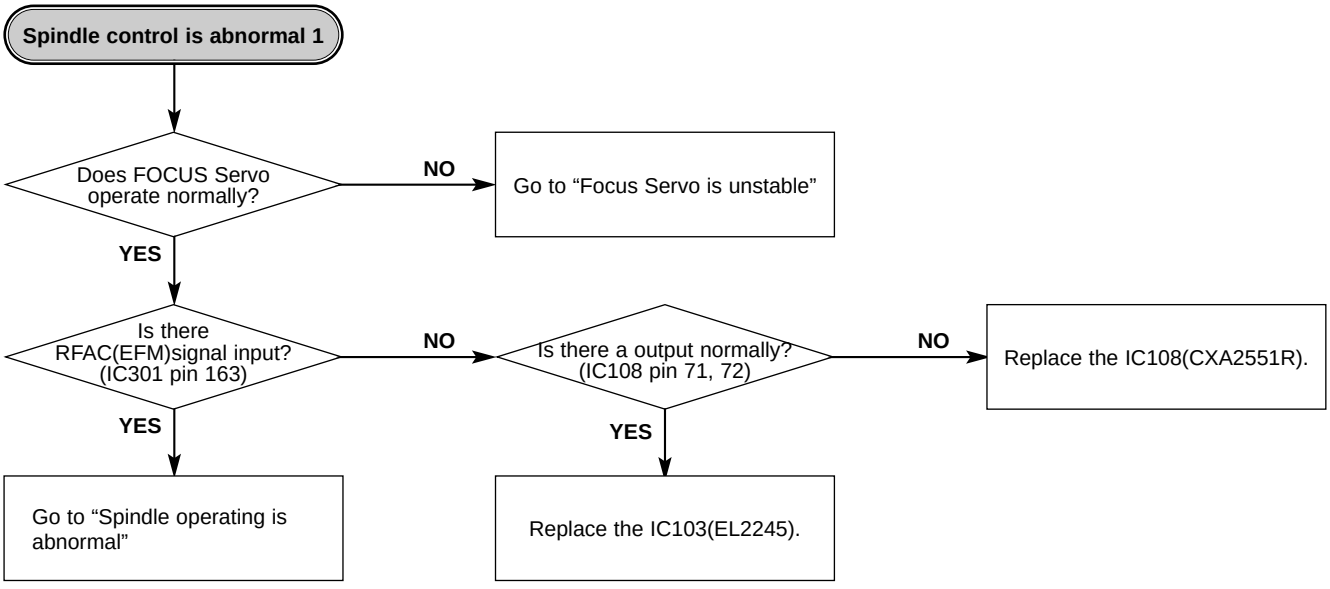

System Check.
Load tray without inserting disc.
Does Tray operate normally?
NO
Go to "Tray operating is abnormal"
YES
Does Pick-up move to inside?
NO
Go to "Sled operating is abnormal"
YES
Does Spindle Motor rotate in a moment?
NO
Go to "Spindle opreating is abnormal"
YES
Does Lens move Up/Down?
NO
Go to "Focus Actuator operating is abnormal"
YES
Does Laser turn on?
NO
Go to "Laser is abnormal"
YES
After eject tray, Inset CD Disc and reloading.
Does Disc stop?
YES
Go to "Spindle control is abnormal 1"
NO
Does Disc rotate continuously as Disc recognition is abnormal?
YES
Go to "Spindle control is abnormal 2"
NO
After eject tray, Inset CD-R Blank Disc and reloading.
NO
Does Disc stop?
YES
Go to "Spindle control is abnormal 3"
NO
Does Disc rotate continuously as Disc recognition is abnormal?
YES
Go to "Disc recognition is abnormal"
NO
OK

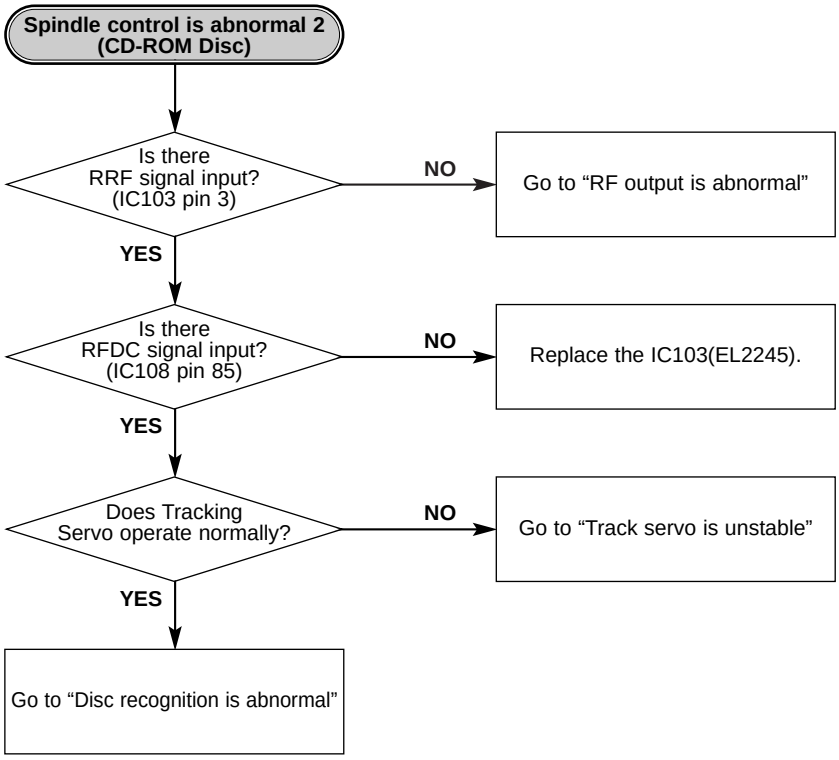

Tray operating is abnormal.
(Tray open/close doesn't work)
Is there Tray control signal intput?
(IC203 pin26)
NO
•Check the connection of IC110 pin 12.
•Replace the IC320(M62352).
•Check the communication line between
IC110 and IC320(MICOM).
YES
Is there Tray drive voltage output?
(IC203 pin15, 16)
NO
Is TRAY_MUTE
signal"L"?(IC203 pin20)
NO
• Check the connection of IC322
Pin13
YES
YES
When PN203
is open, Is there Tray drive
signal output?
NO
Replace the IC203(BA5983FM).
YES
•Check the Tray Connector(PN203).
•Check the Motor Line and Motor.

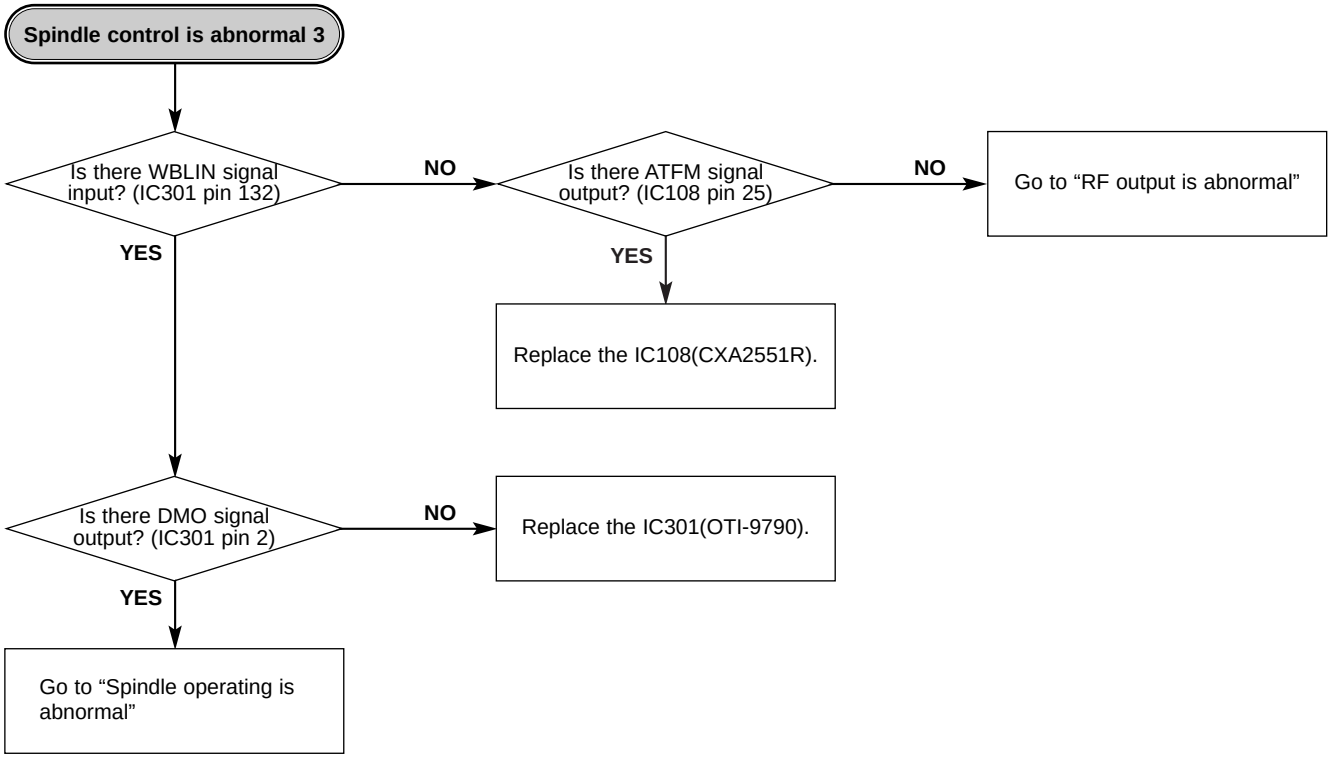

Sled operating is abnormal.
Is there Sled control signal output? (IC320 pin 85)
NO
Check the connection of IC320 pin 85
NO
Replace the IC320(MICOM)
YES
Is there Sled drive voltage input? (IC203 pin 23)
NO
Check the connection of IC201 pin 17. Replace the IC201(BA5925)
YES
Is there Sled drive voltage output? (IC203 pin 17, 18)
NO
Is Act_Mute signal "L"? (IC203 Pin9)
NO
Check the connection of IC320 pin 26.
YES
YES
Replace the IC203(BA5983)
Is there HALL/SLDOUT signal input? (IC320 pin82)
NO
Is there HALL 1 signal input (IC206 pin3)
YES
Replace the IC206(BU4053)
YES
NO
Is there SLED FG signal input? (IC320 pin97)
NO
Check the IC201(BA5925)
YES
•Check the Connector(PN201)
•Replace the SLED Motor.
OK

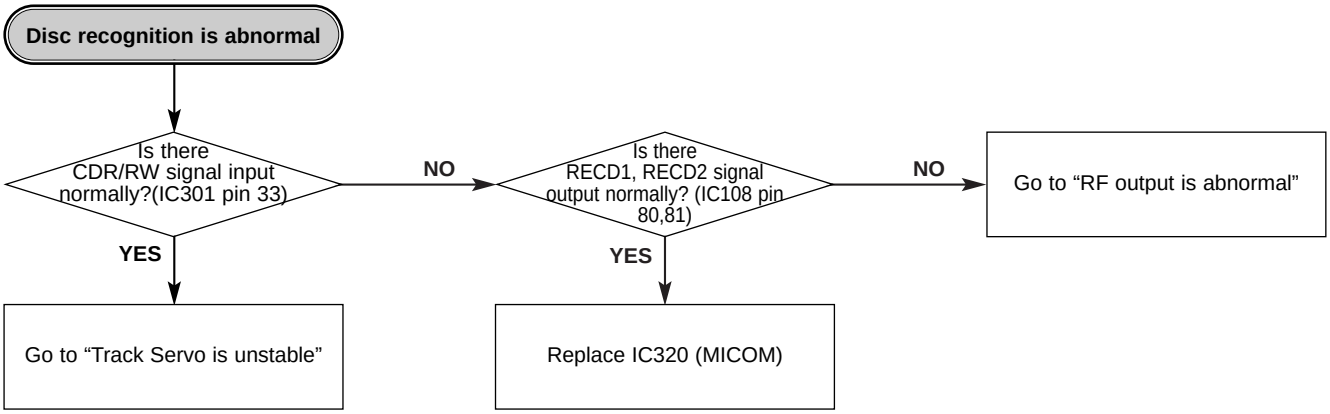

Spindle operating is abnormal.
Is there Spindle control signal input? (IC202 pin 22)
NO
Is there DMO signal input? (IC207 pin5)
NO
•Check the connection of IC301 pin2.
•Replace the IC301(OTI-9790)
YES
YES
Is there Spindle control signal output? (IC207 pin 7)
NO
•Replace the IC207(NJM3404).
YES
Replace the IC206(BU4053).
Is there Spindle drive voltage output? (IC202 pin 2,4,7)
NO
Is SPNON signal “H”? (IC202 pin 23)
NO
•Check the connection of IC320 pin98.
•Replace the IC320(MICOM)
YES
YES
Is SBRK signal “L”? (IC202 pin 18)
NO
•Check the connection of IC320 pin94.
•Replace the IC320(MICOM)
YES
•Check the spindle Connector (PN202)
•Replace the Spindle Motor.
Is there a SPNFG signal input? (IC320 pin 95, IC301 pin 7)
NO
•Check the connection of IC202 pin19.
•Replace the IC501(BA6664FM)
YES
OK

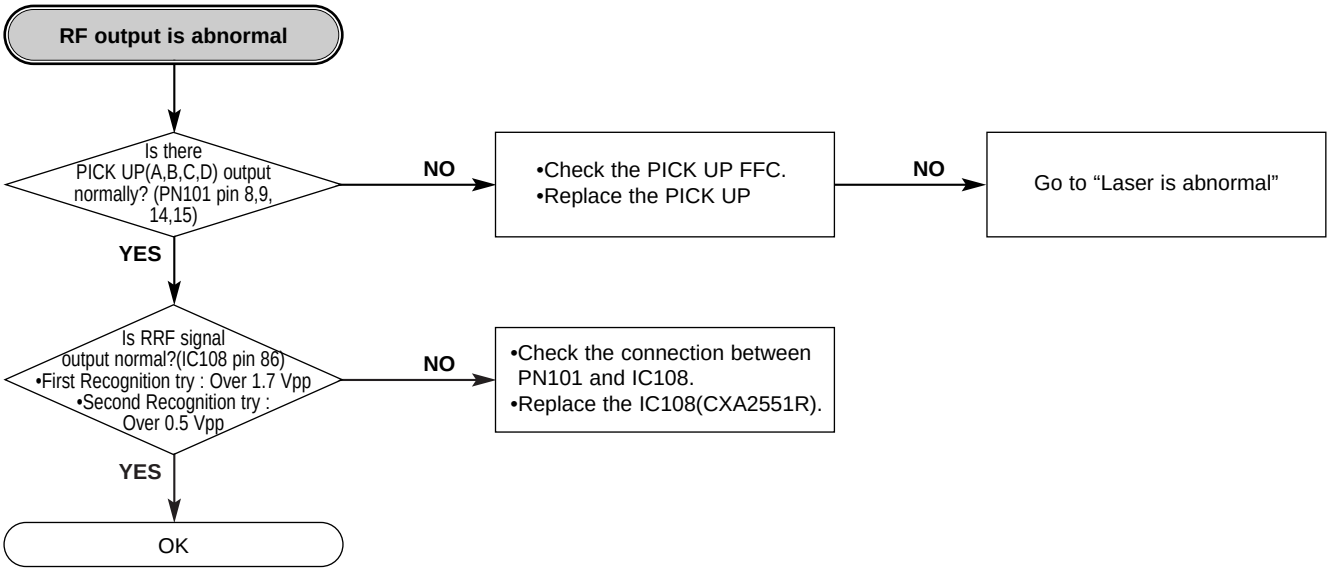

Focus Actuator operating is abnormal
Is there Focus Search control signal input? (IC203 pin 3) (FAO)
NO
•Check the connection of IC301 pin207.
•Check the communication line between IC301 and IC320
•Replace the IC301(OTI-9790)
YES
Is there Focus Search drive voltage output? (IC203 pin 13,14)
NO
Is Act_Mute signal “L”? (IC203 pin 9)
NO
•Check the connection of IC320 pin26.
•Replace the IC320(MICOM)
YES
YES
•Check the connection of PN101 Pin 1,4.
•Check the Pick-up Connector.
Replace the IC203(BA5983).
Replace the Pick-Up.

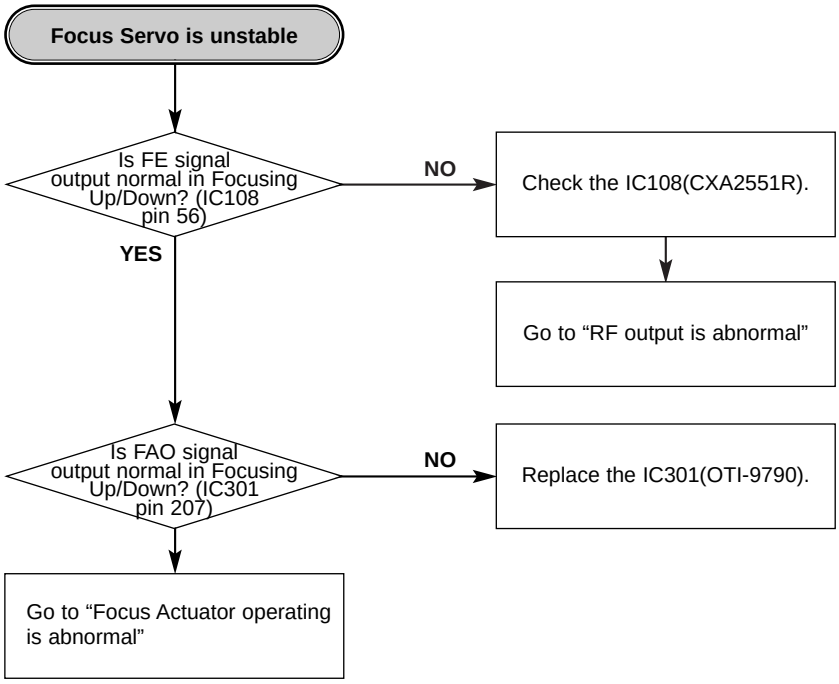

Spindle control is abnormal 1
Does FOCUS Servo operate normally?
NO
Go to “Focus Servo is unstable”
YES
Is there RFAC(EFM)signal input? (IC301 pin 163)
NO
Is there a output normally? (IC108 pin 71, 72)
NO
Replace the IC108(CXA2551R).
YES
YES
Go to “Spindle operating is abnormal”
Replace the IC103(EL2245).

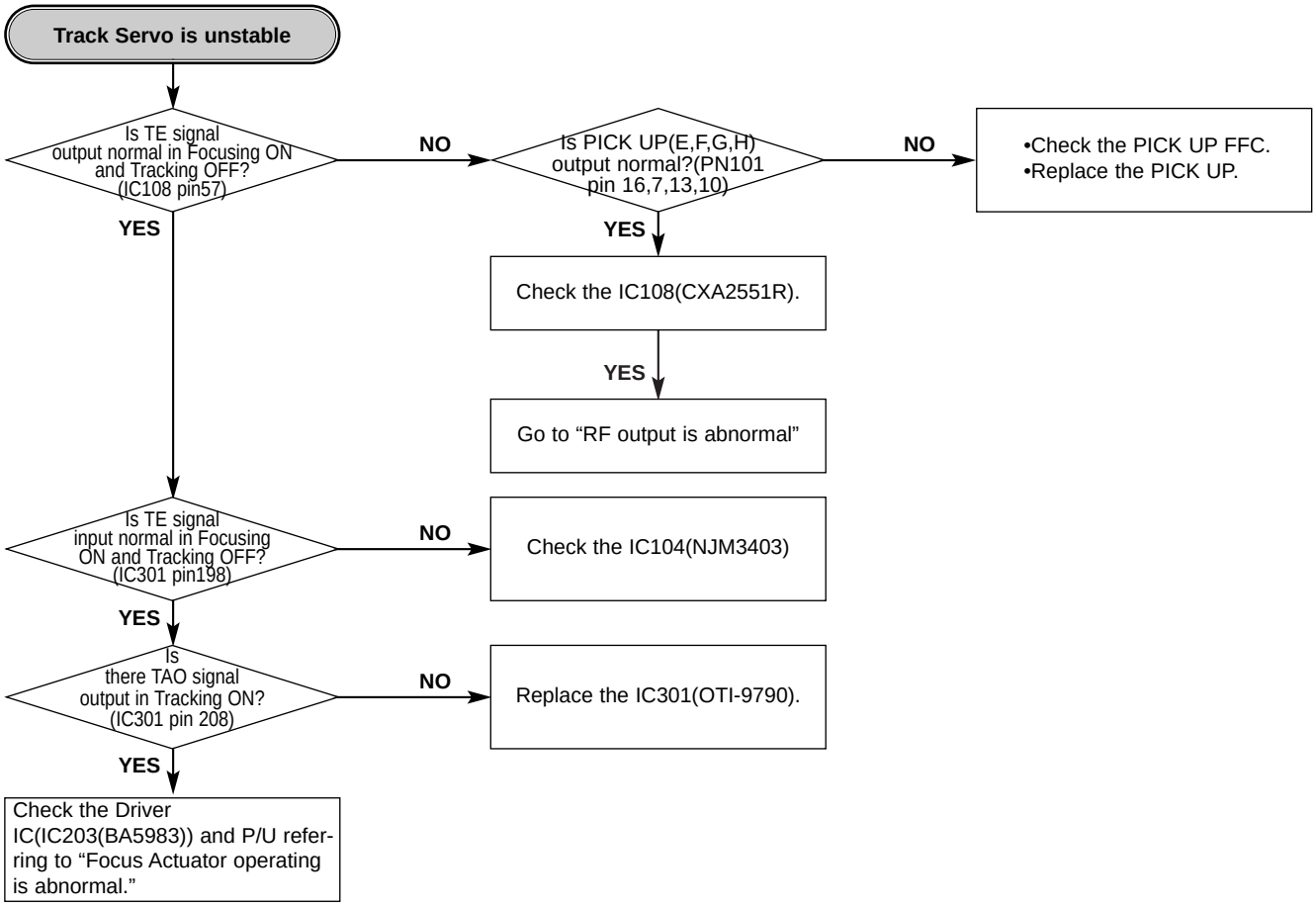

Spindle control is abnormal 2 (CD-ROM Disc)
Is there RRF signal input? (IC103 pin 3)
NO
Go to “RF output is abnormal”
YES
Is there RFDC signal input? (IC108 pin 85)
NO
Replace the IC103(EL2245).
YES
Does Tracking Servo operate normally?
NO
Go to “Track servo is unstable”
YES
Go to “Disc recognition is abnormal”


Spindle control is abnormal 3
Is there WBLIN signal input? (IC301 pin 132)
NO
Is there ATFM signal output? (IC108 pin 25)
NO
Go to “RF output is abnormal”
YES
YES
Replace the IC108(CXA2551R).
Is there DMO signal output? (IC301 pin 2)
NO
Replace the IC301(OTI-9790).
YES
Go to “Spindle operating is abnormal”

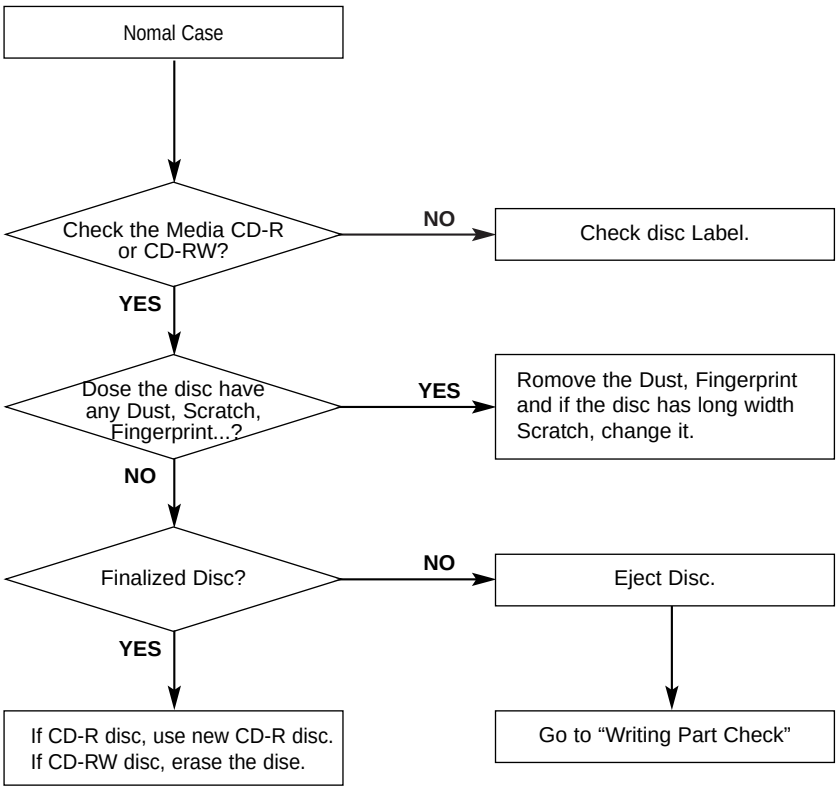

Disc recognition is abnormal
Is there CDR/RW signal input normally?(IC301 pin 33)
NO
Is there RECD1, RECD2 signal output normally? (IC108 pin 80,81)
NO
Go to “RF output is abnormal”
YES
YES
Go to “Track Servo is unstable”
Replace IC320 (MICOM)

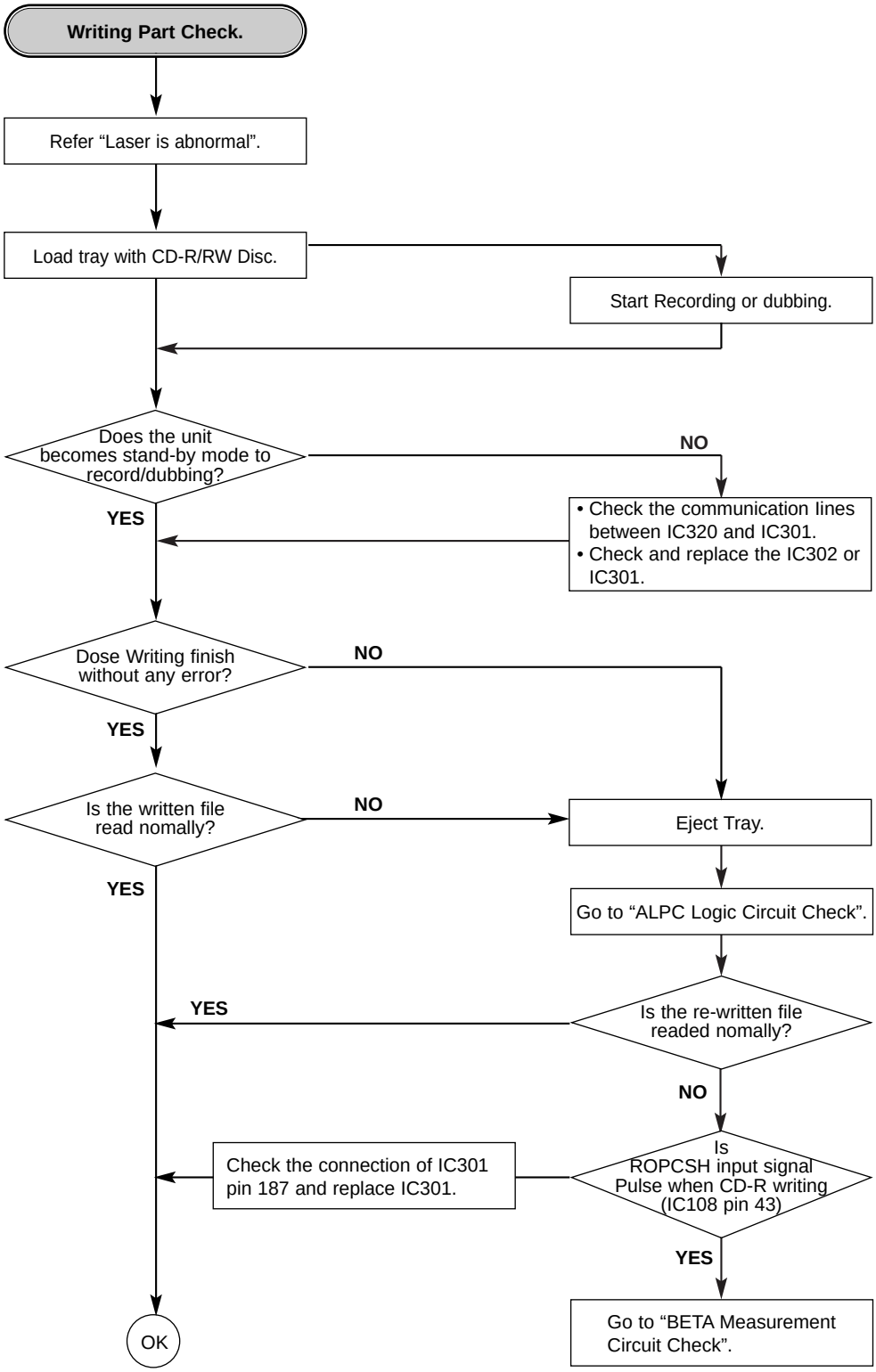

RF output is abnormal
Is there PICK UP(A,B,C,D) output normally? (PN101 pin 8,9, 14,15)
NO
•Check the PICK UP FFC.
•Replace the PICK UP
NO
Go to “Laser is abnormal”
YES
Is RRF signal output normal?(IC108 pin 86)
•First Recognition try : Over 1.7 Vpp
•Second Recognition try : Over 0.5 Vpp
NO
•Check the connection between PN101 and IC108.
•Replace the IC108(CXA2551R).
YES
OK

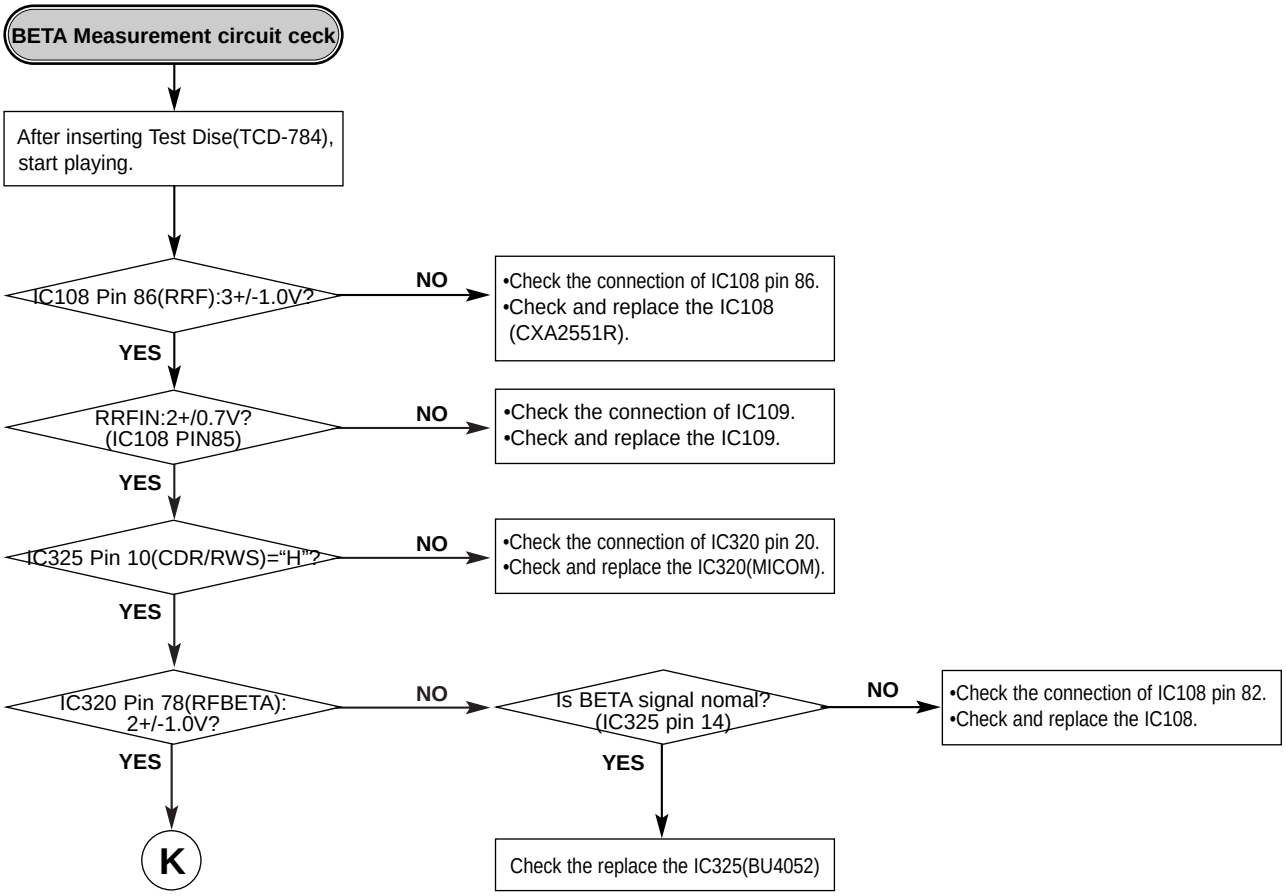

Focus Servo is unstable
Is FE signal output normal in Focusing Up/Down? (IC108 pin 56)
NO
Check the IC108(CXA2551R).
YES
Go to “RF output is abnormal”
Is FAO signal output normal in Focusing Up/Down? (IC301 pin 207)
NO
Replace the IC301(OTI-9790).
Go to “Focus Actuator operating is abnormal”


Track Servo is unstable
Is TE signal output normal in Focusing ON and Tracking OFF? (IC108 pin57)
NO
Is PICK UP(E,F,G,H) output normal?(PN101 pin 16,7,13,10)
NO
•Check the PICK UP FFC.
•Replace the PICK UP.
YES
YES
Check the IC108(CXA2551R).
YES
Go to “RF output is abnormal”
Is TE signal input normal in Focusing ON and Tracking OFF? (IC301 pin198)
NO
Check the IC104(NJM3403)
YES
Is there TAO signal output in Tracking ON? (IC301 pin 208)
NO
Replace the IC301(OTI-9790).
YES
Check the Driver IC(IC203(BA5983)) and P/U referring to “Focus Actuator operating is abnormal.”

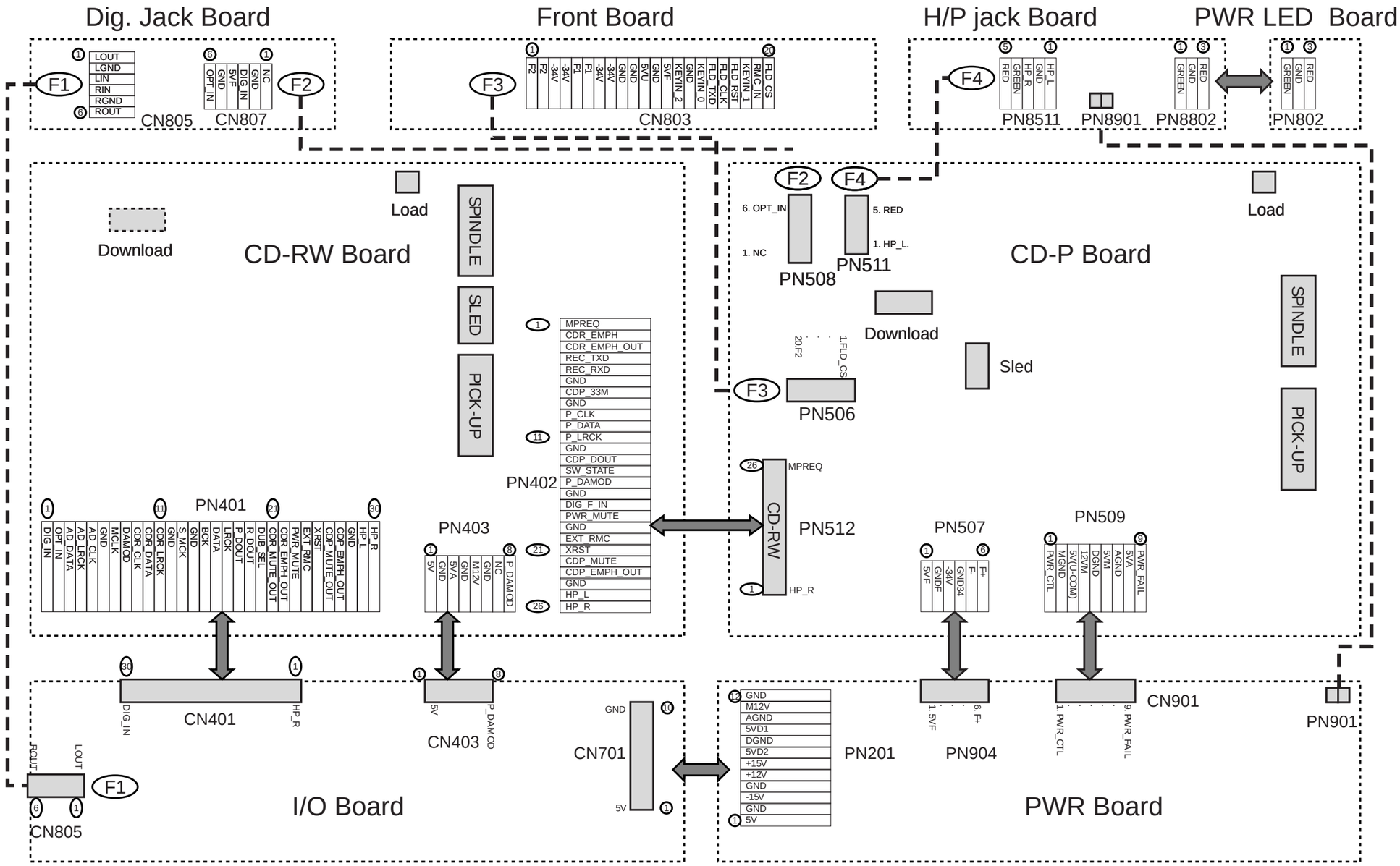
In case of writing fail.



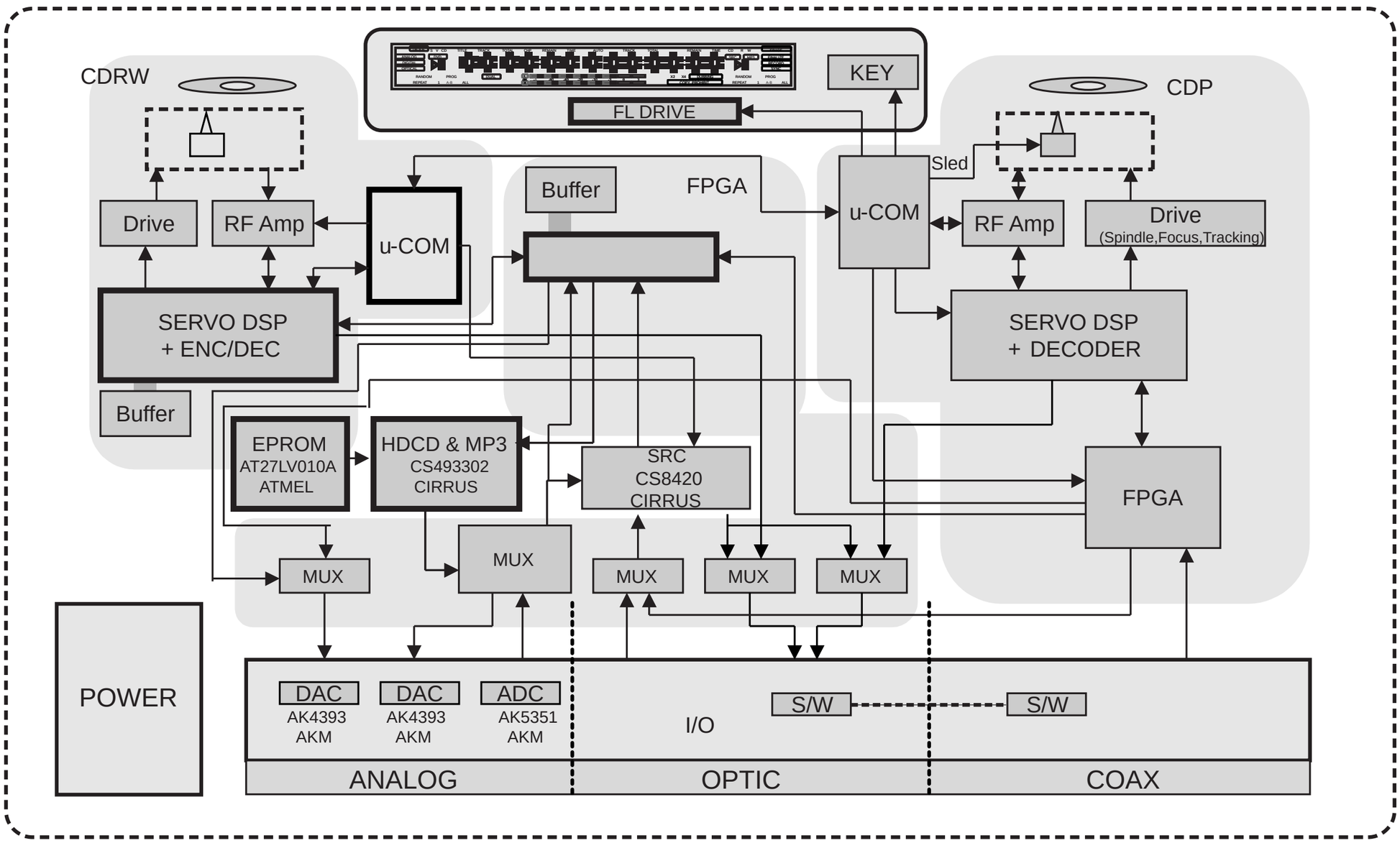

Writing Part Check.
Refer “Laser is abnormal”.
Load tray with CD-R/RW Disc.
Start Recording or dubbing.
Does the unit becomes stand-by mode to record/dubbing?
NO
YES
• Check the communication lines between IC320 and IC301.
• Check and replace the IC302 or IC301.
Dose Writing finish without any error?
NO
YES
Is the written file read nomally?
NO
Eject Tray.
YES
Go to “ALPC Logic Circuit Check”.
Is the re-written file readed nomally?
YES
NO
Check the connection of IC301 pin 187 and replace IC301.
Is ROPCSH input signal Pulse when CD-R writing (IC108 pin 43)
YES
Go to “BETA Measurement Circuit Check”.
OK


BETA Measurement circuit ceck
After inserting Test Dise(TCD-784), start playing.
IC108 Pin 86(RRF):3+/-1.0V?
NO
•Check the connection of IC108 pin 86.
•Check and replace the IC108 (CXA2551R).
YES
RRFIN:2+/0.7V? (IC108 PIN85)
NO
•Check the connection of IC109.
•Check and replace the IC109.
YES
IC325 Pin 10(CDR/RWS)="H"?
NO
•Check the connection of IC320 pin 20.
•Check and replace the IC320(MICOM).
YES
IC320 Pin 78(RFBETA): 2+/-1.0V?
NO
Is BETA signal nomal? (IC325 pin 14)
NO
•Check the connection of IC108 pin 82.
•Check and replace the IC108.
YES
YES
K
Check the replace the IC325(BU4052)

OVERALL WIRING DIAGRAM 1

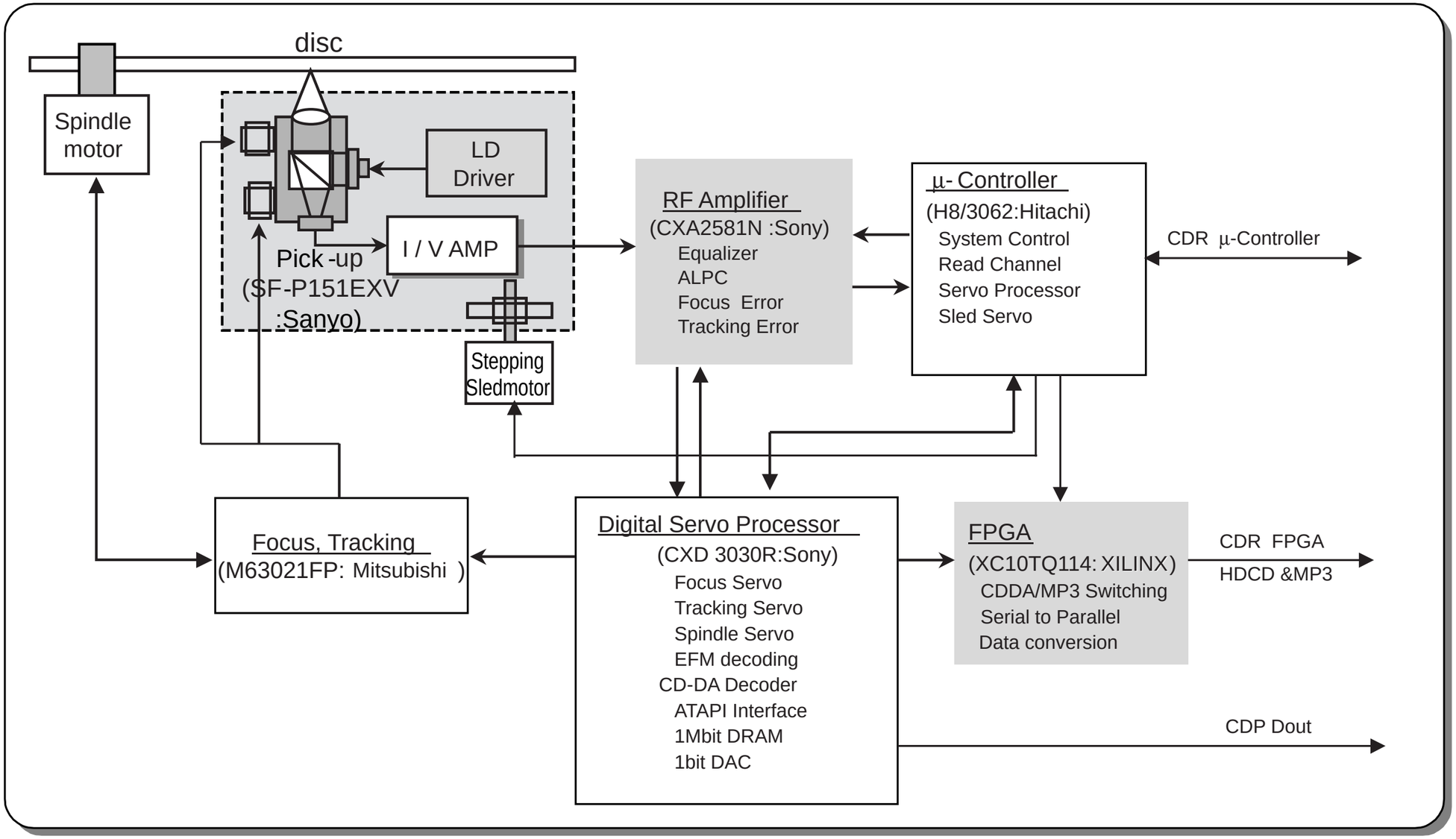


OVERALL WIRING DIAGRAM 2

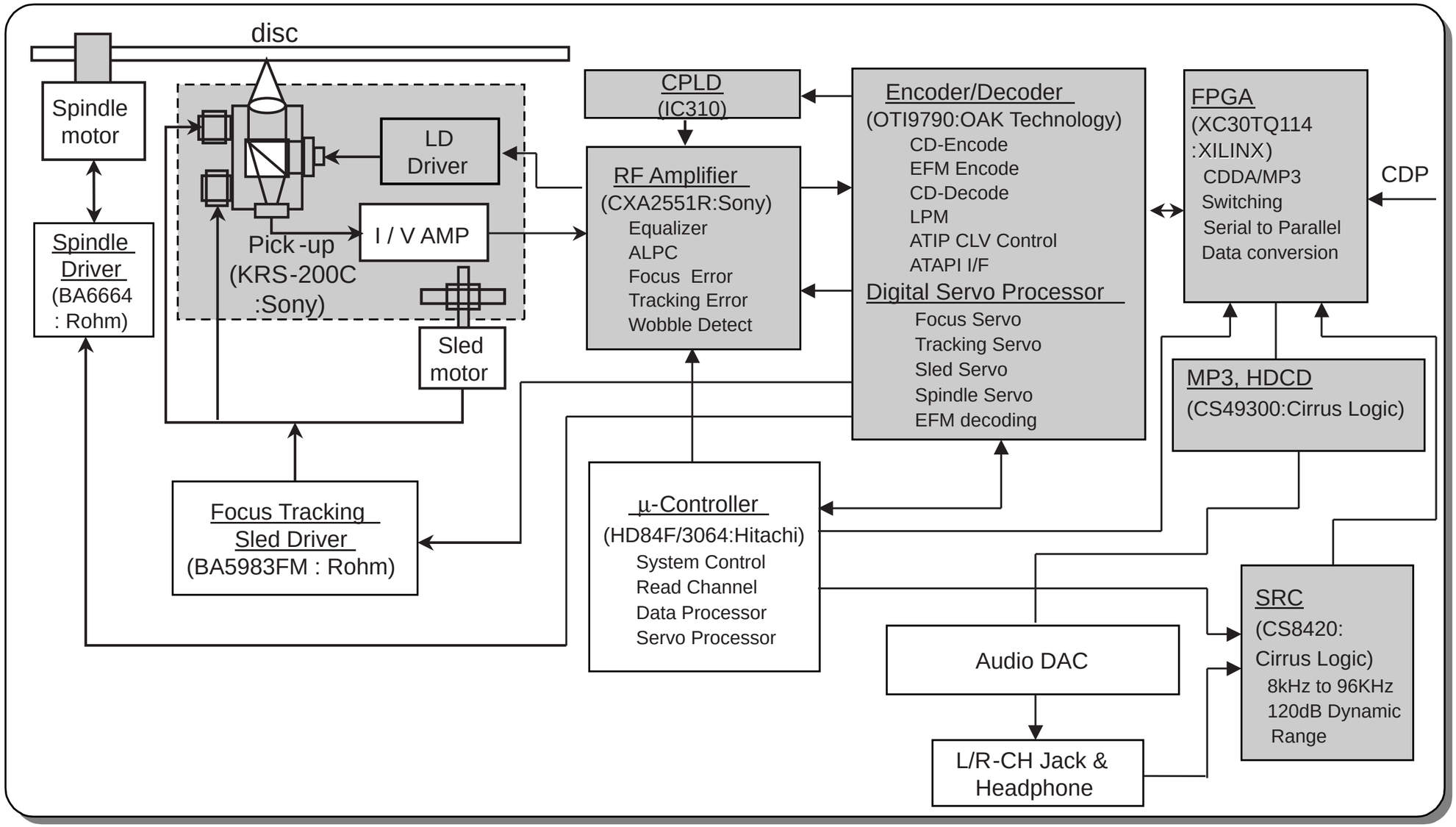


BLOCK DIAGRAM

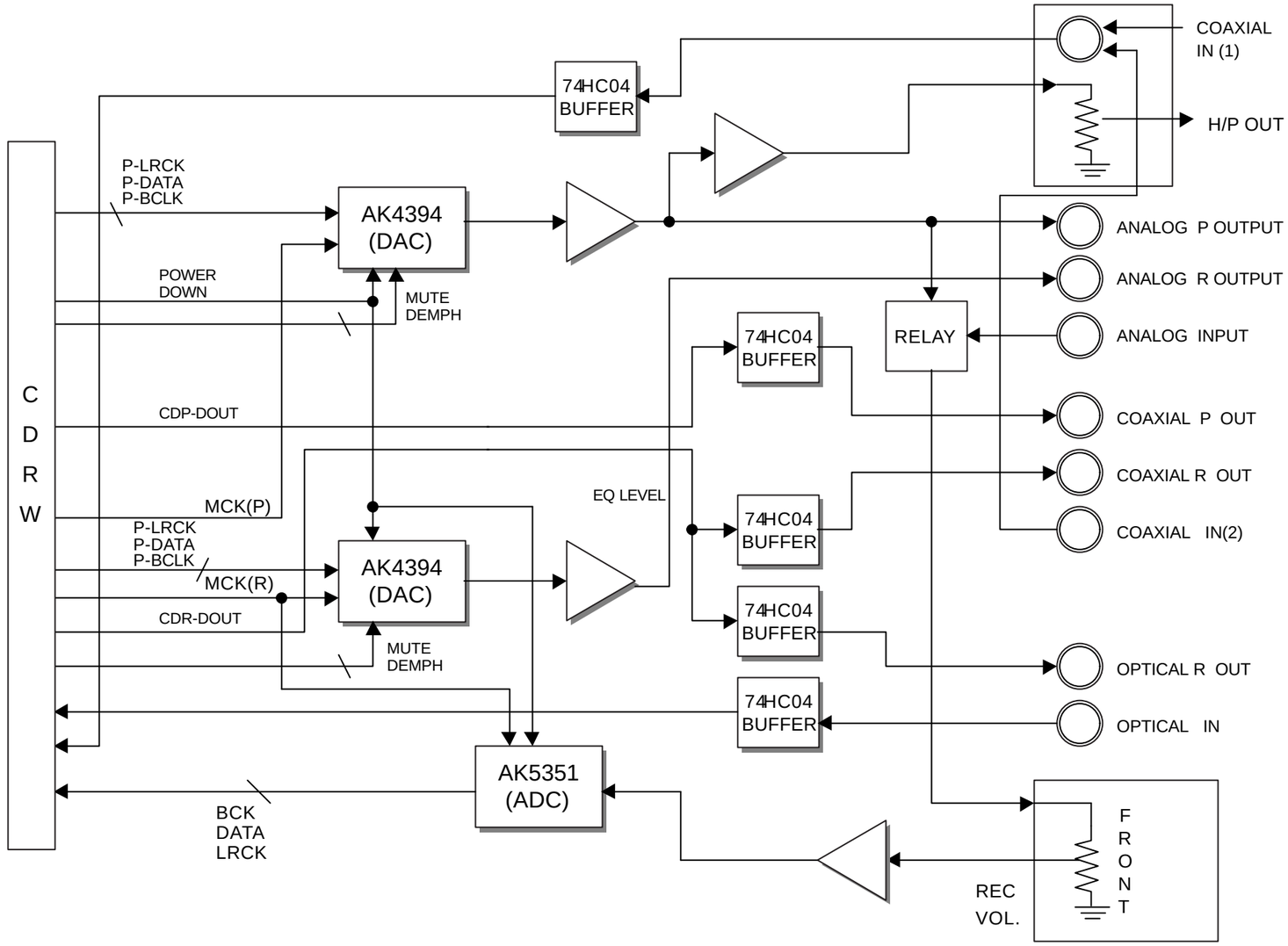
1. CD-Play Block Diagram



2. CD-Record Block Diagram

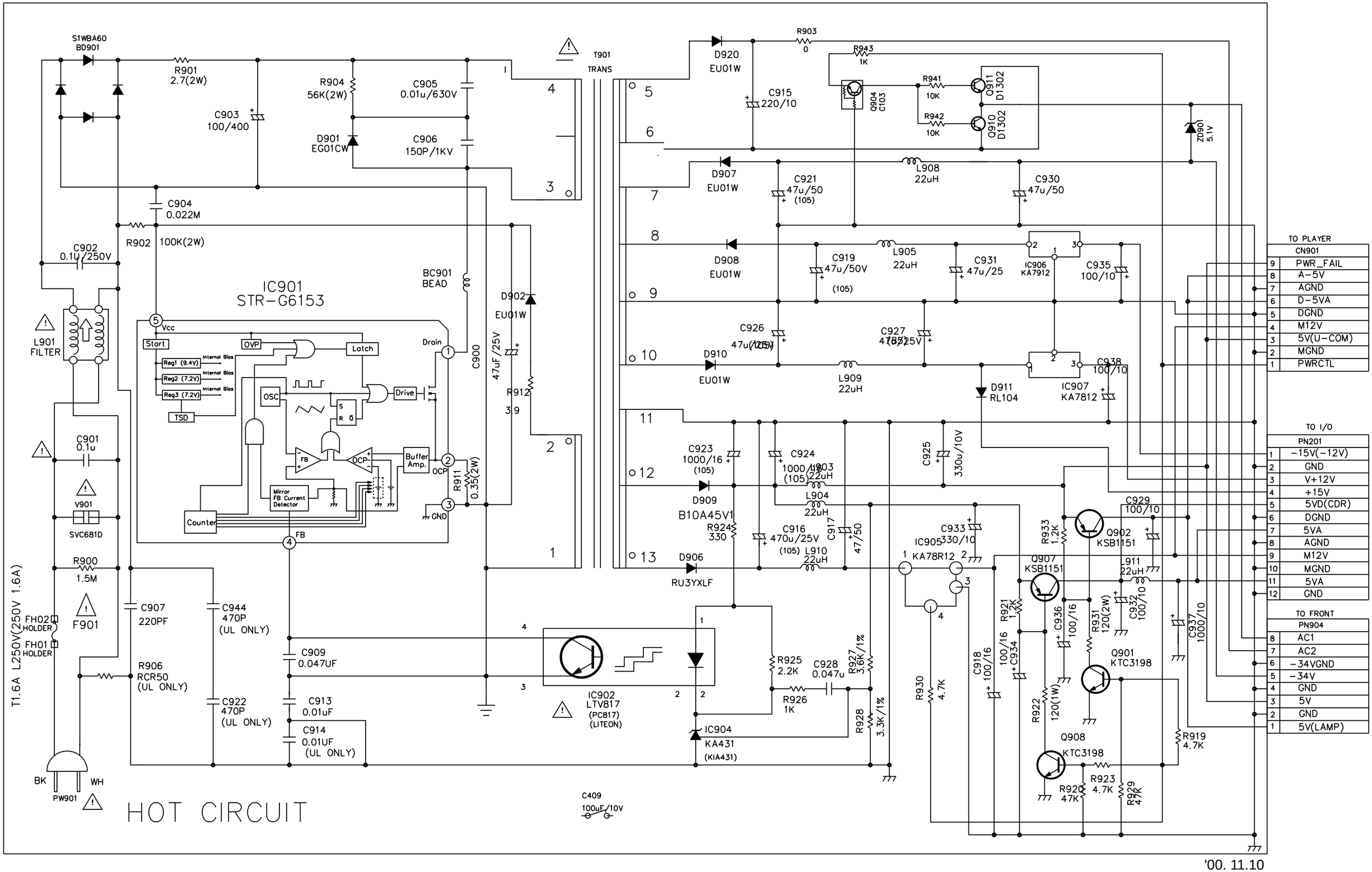


3. I/O Block Diagram



CIRCUIT DIAGRAMS

1. POWER(SMPS) CIRCUIT DIAGRAM



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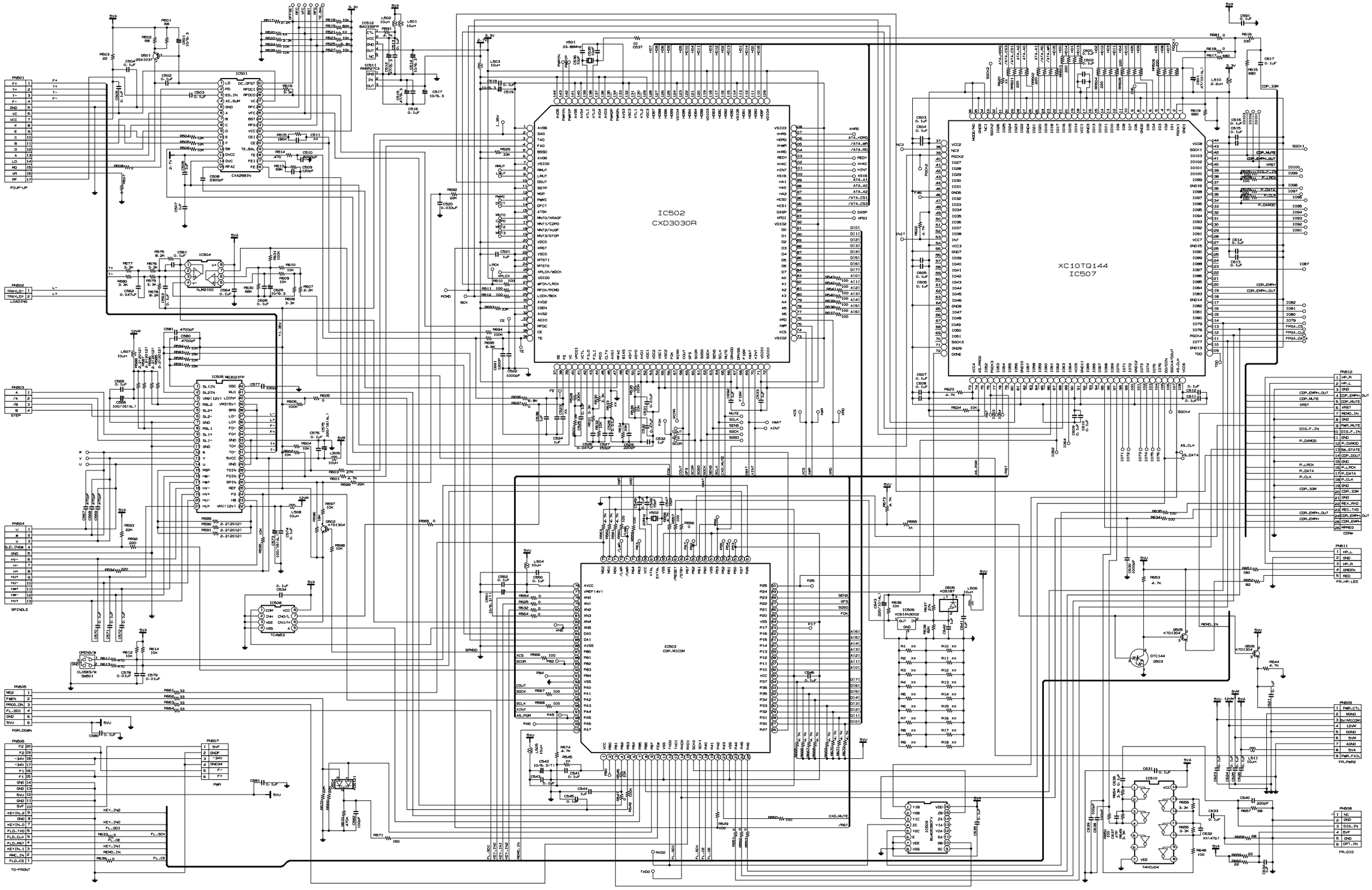
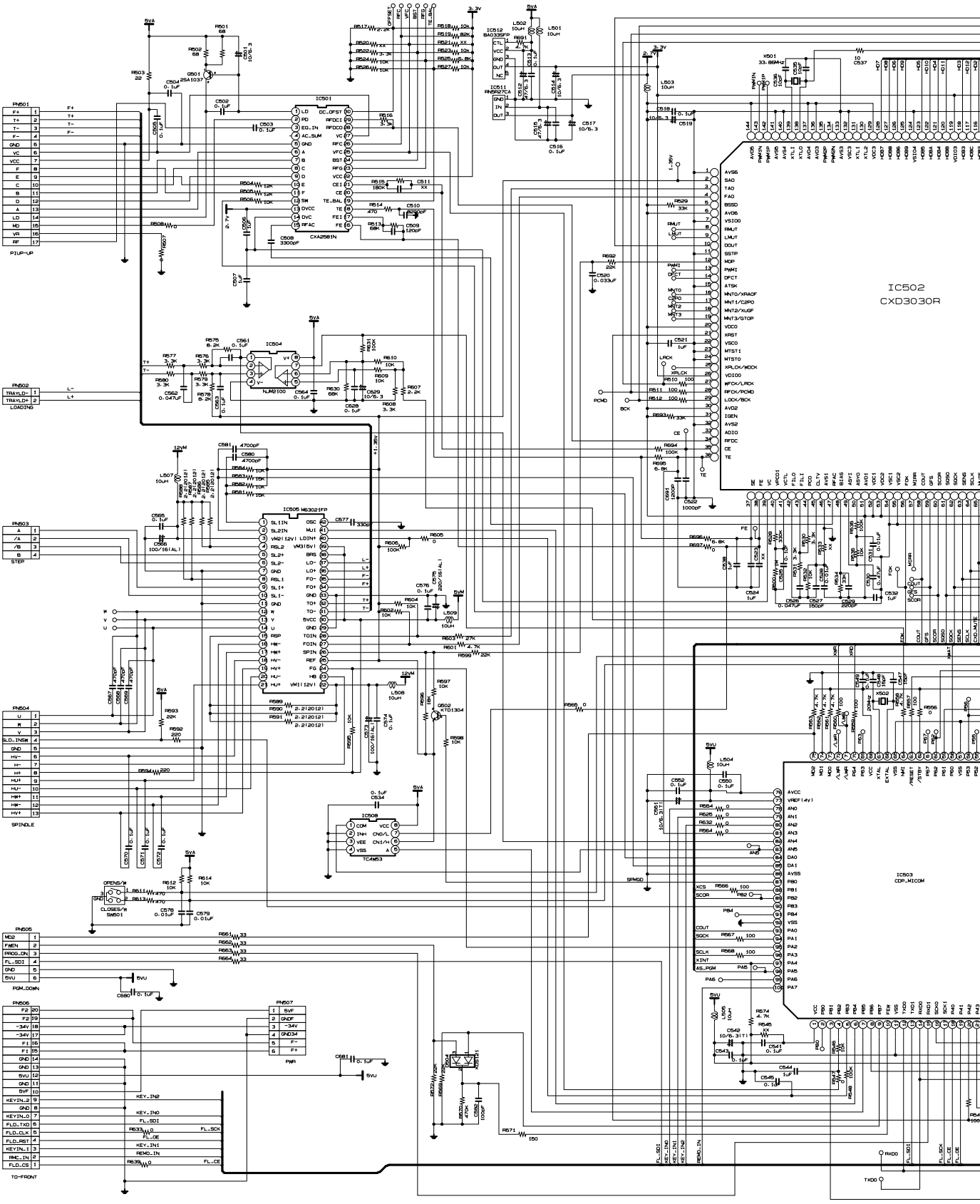
SI2448(UL)

2. CD-PLAY CIRCUIT DIAGRAM

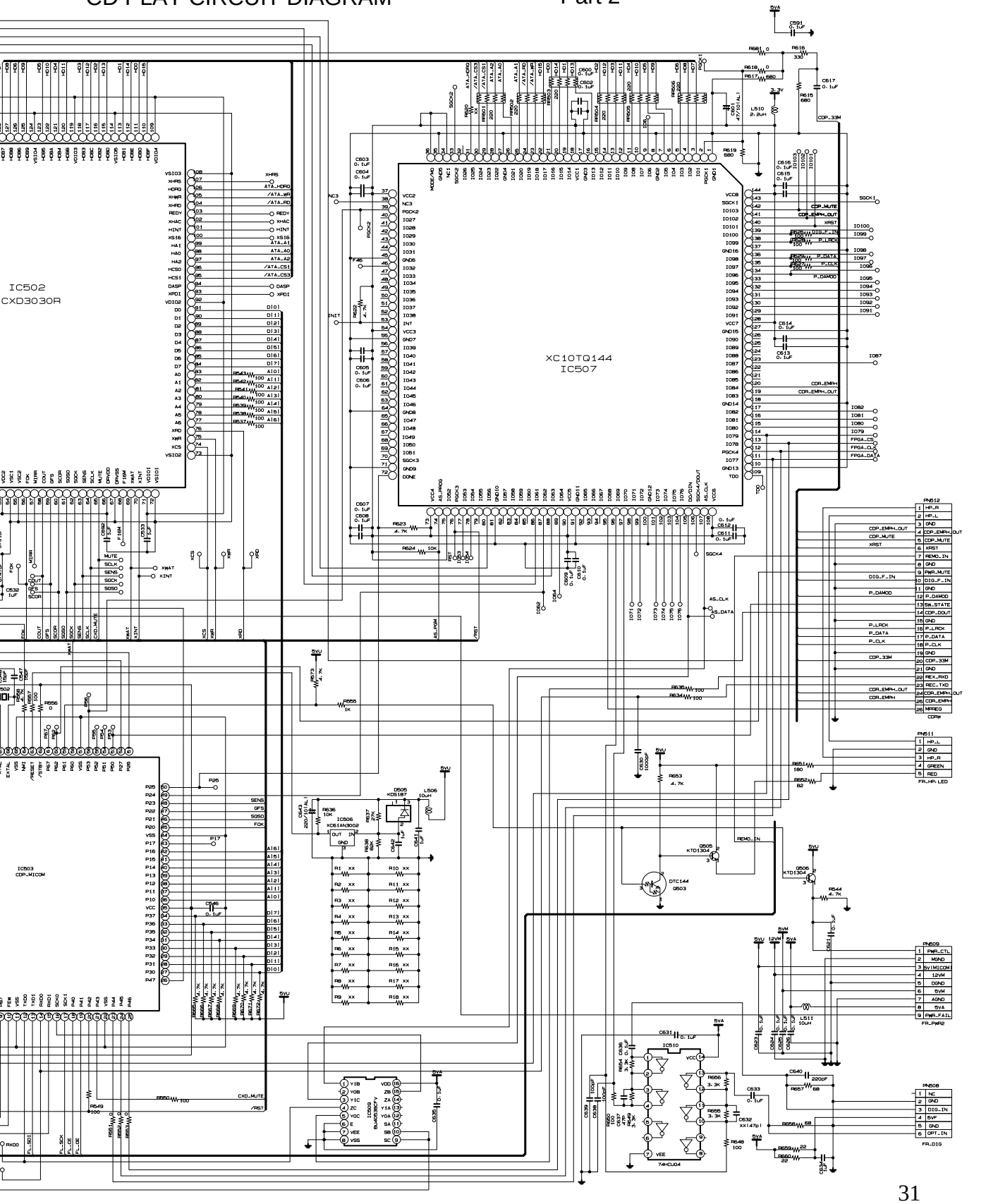


2. CD-PLAY CIRCUIT DIAGRAM

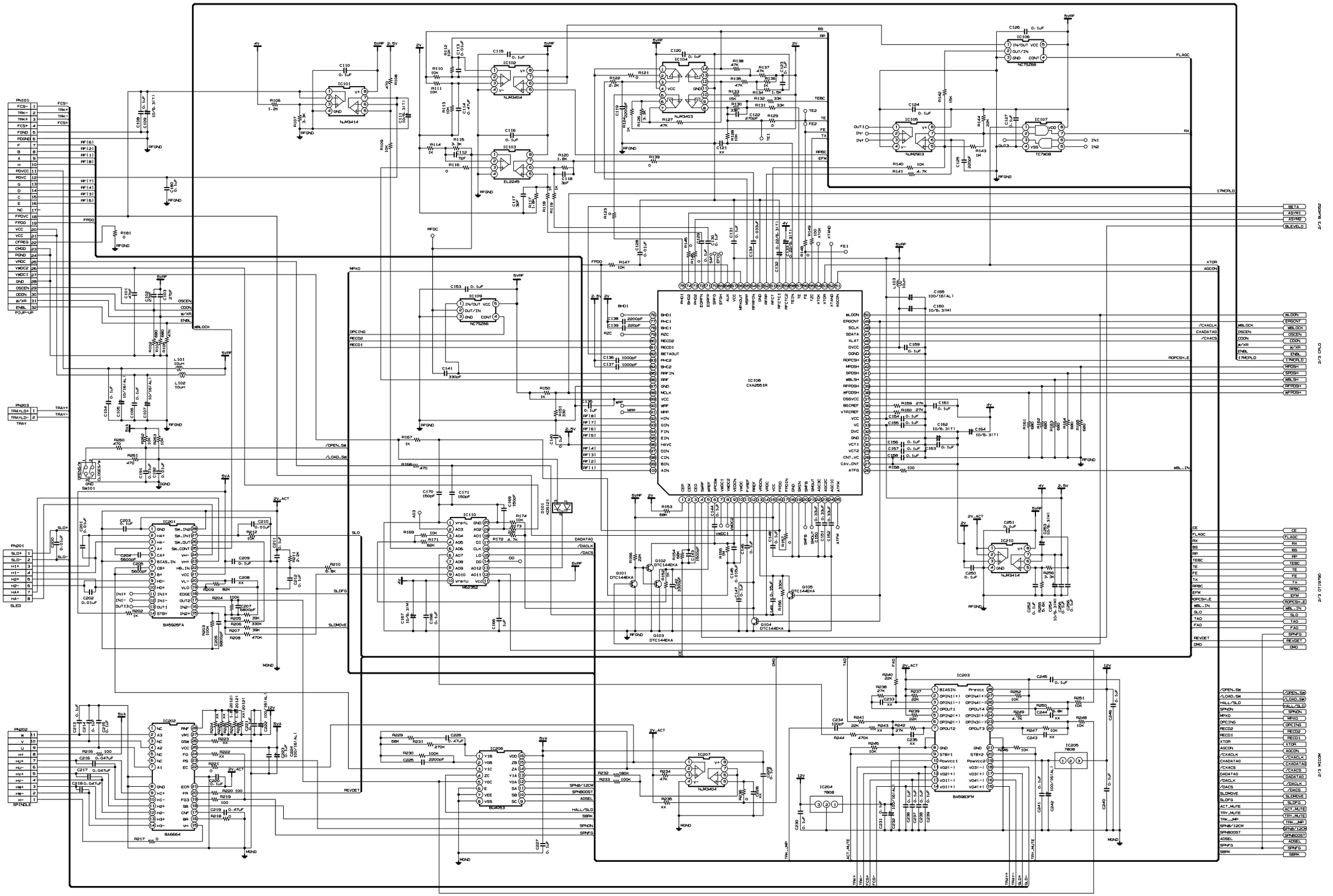
Part 1



CD PLAY CIRCUIT DIAGRAM Part 2

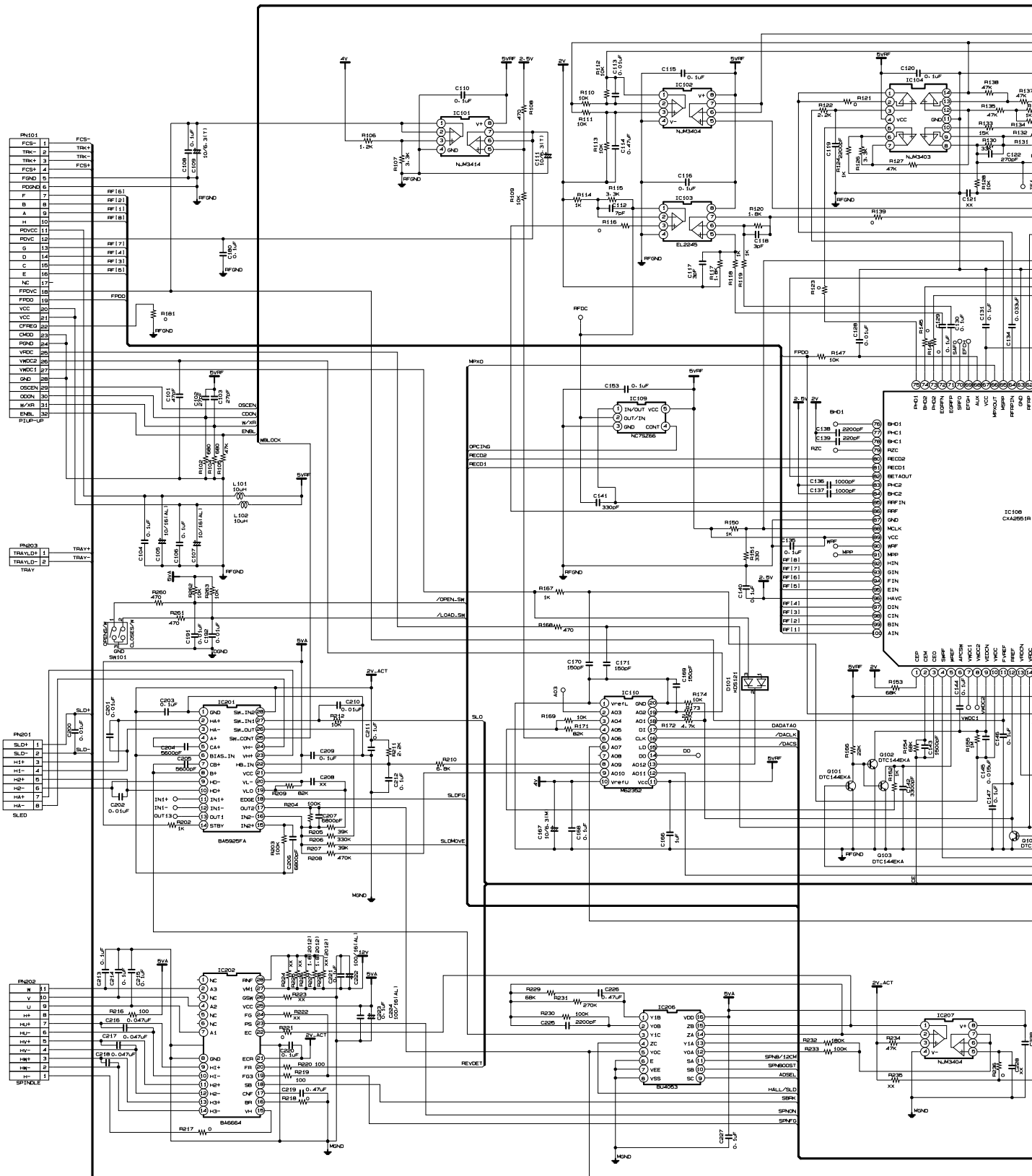


3. CD-RECORD 1 CIRCUIT DIAGRAM

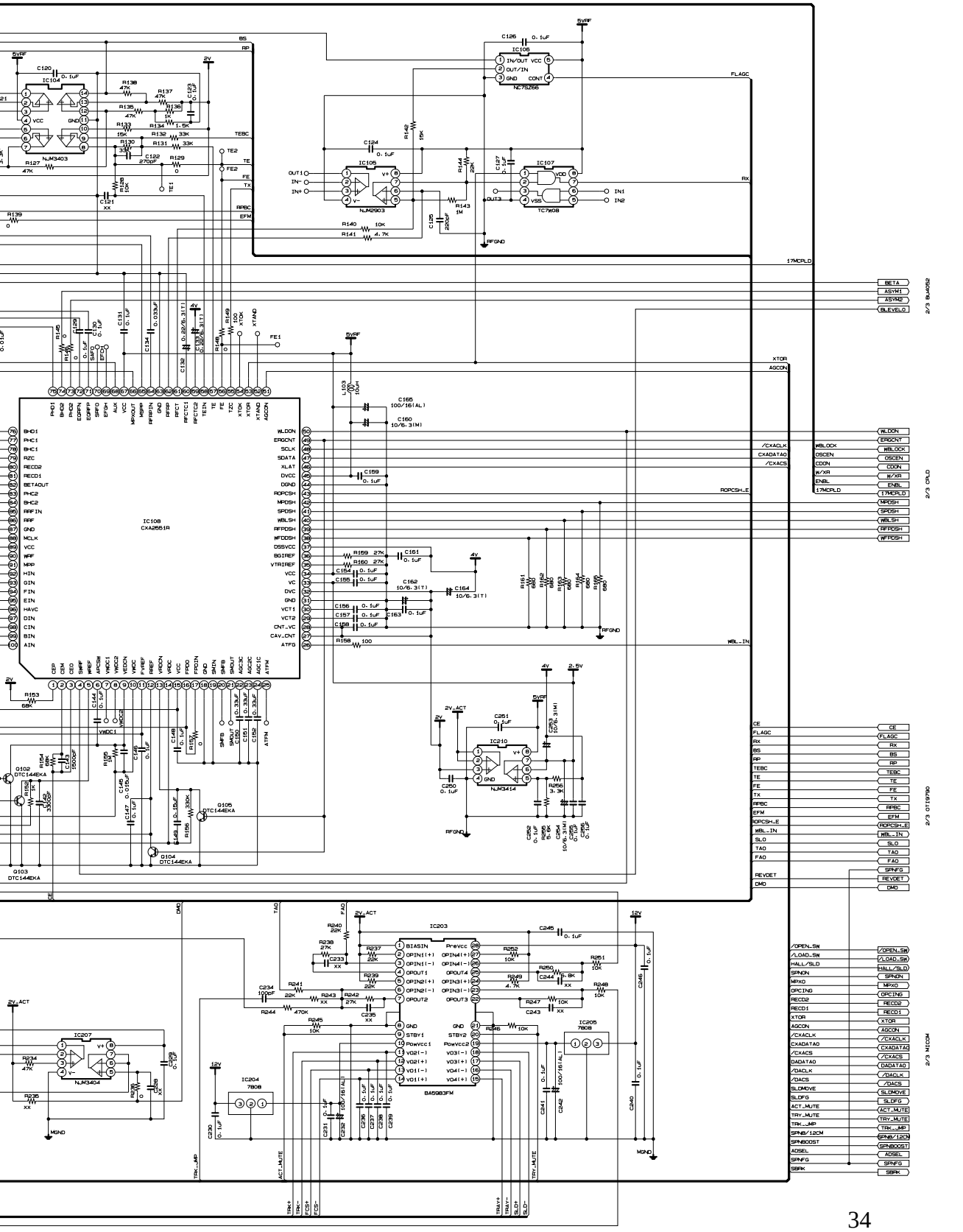


3. CD-RECORD 1 CIRCUIT DIAGRAM

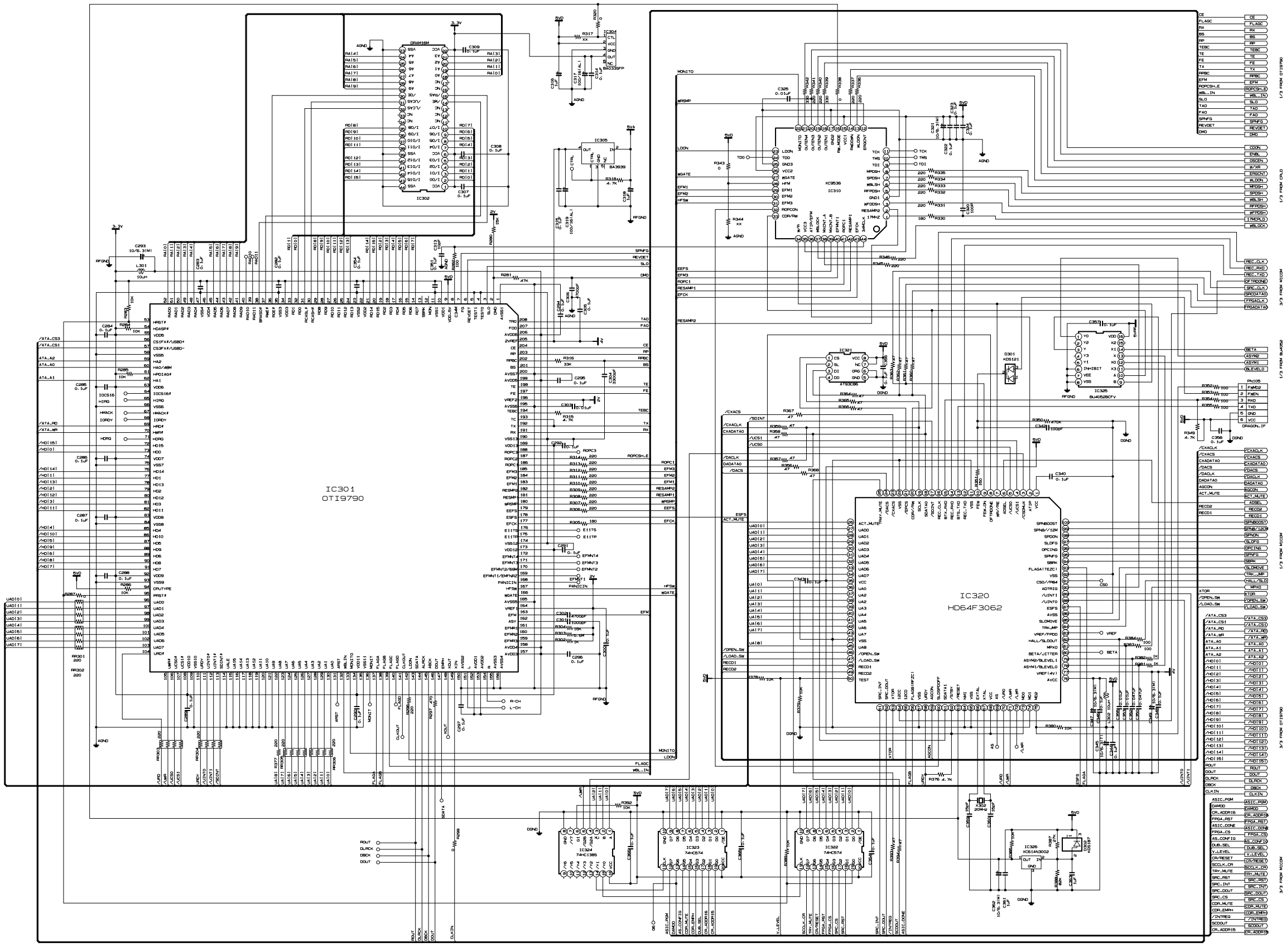
Part 1



CD RECORD CIRCUIT DIAGRAM Part 2

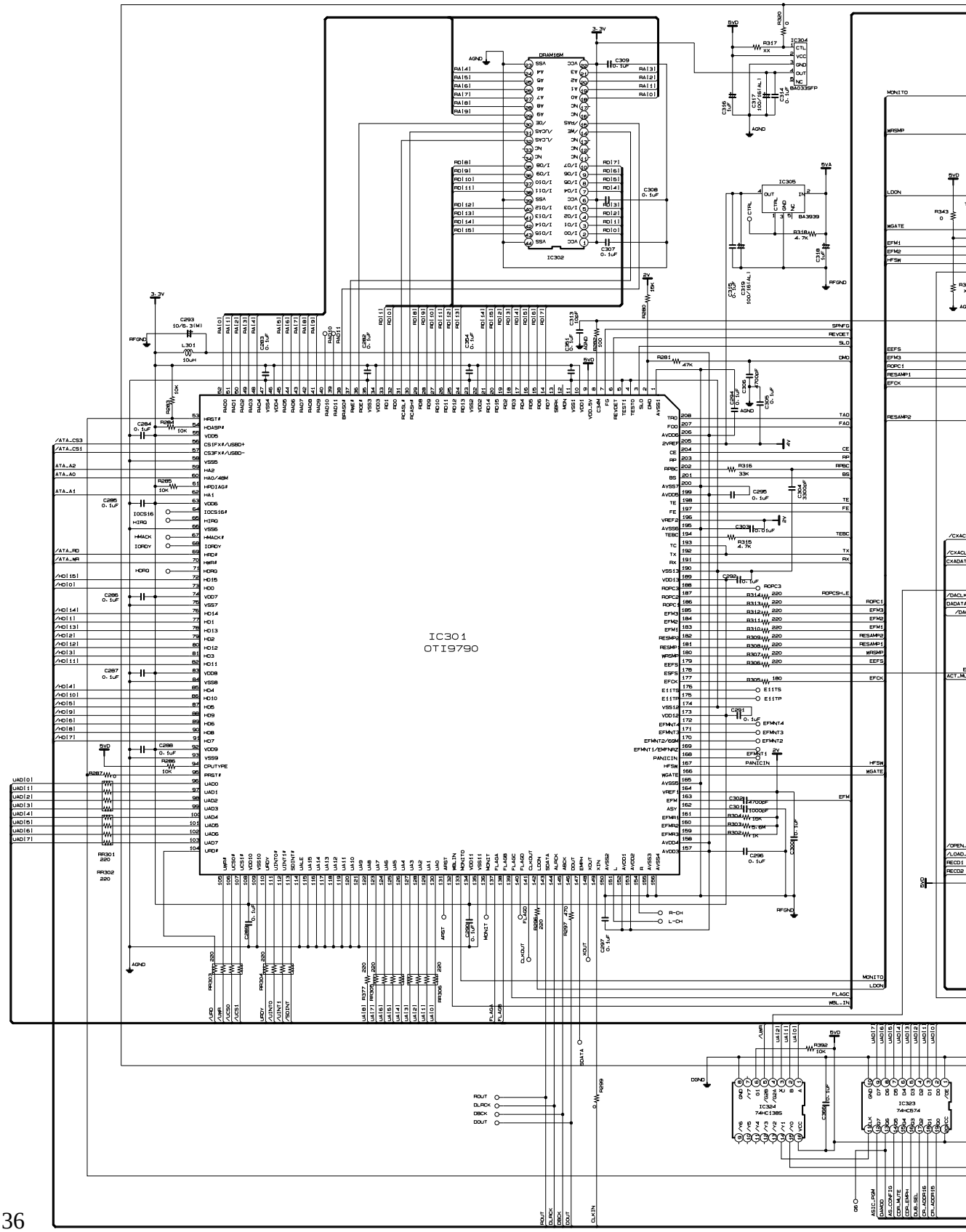


4. CD-RECORD 2 CIRCUIT DIAGRAM



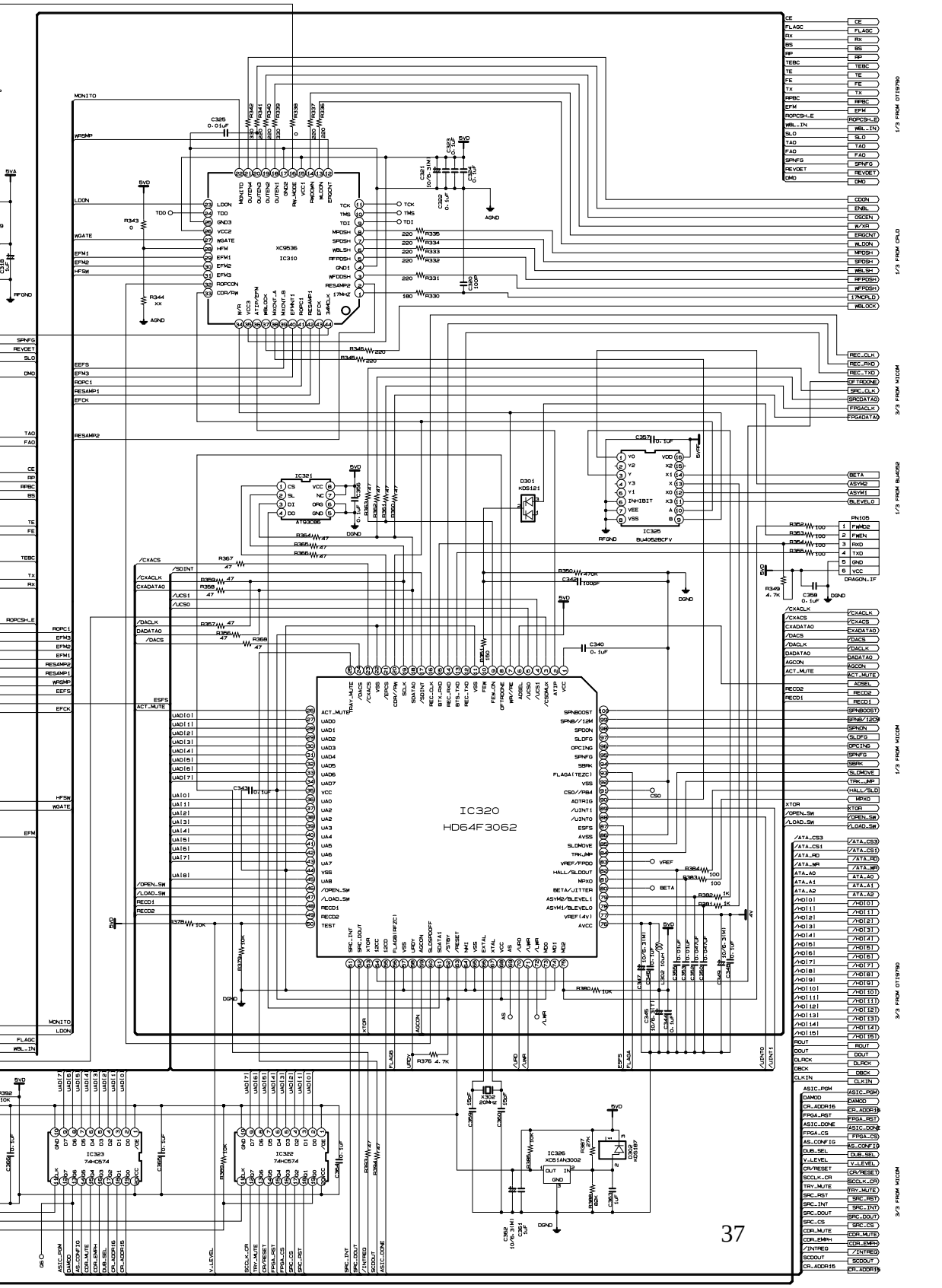
4. CD-RECORD 2 CIRCUIT DIAGRAM

Part 3

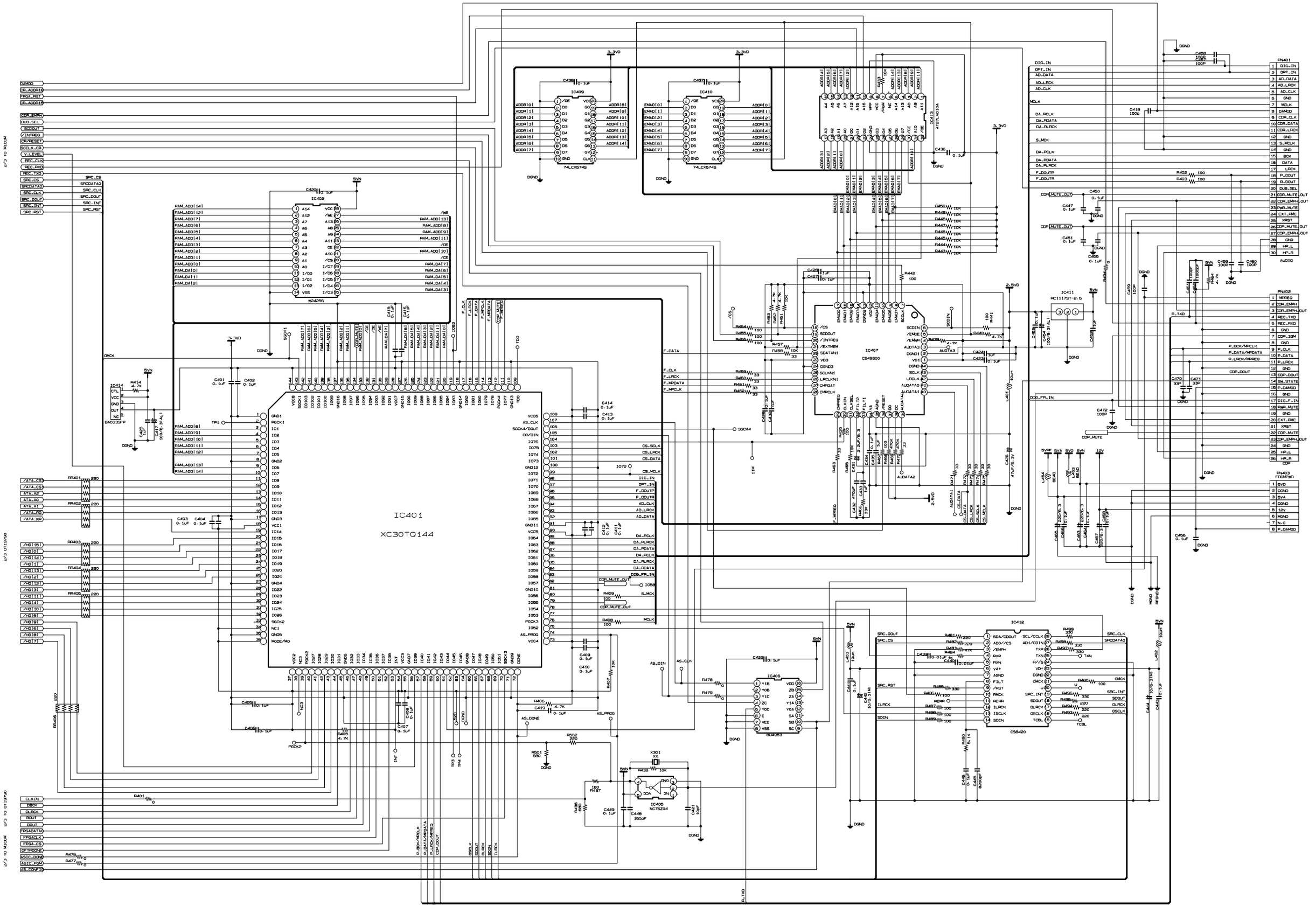


CD RECORD CIRCUIT DIAGRAM

Part 4

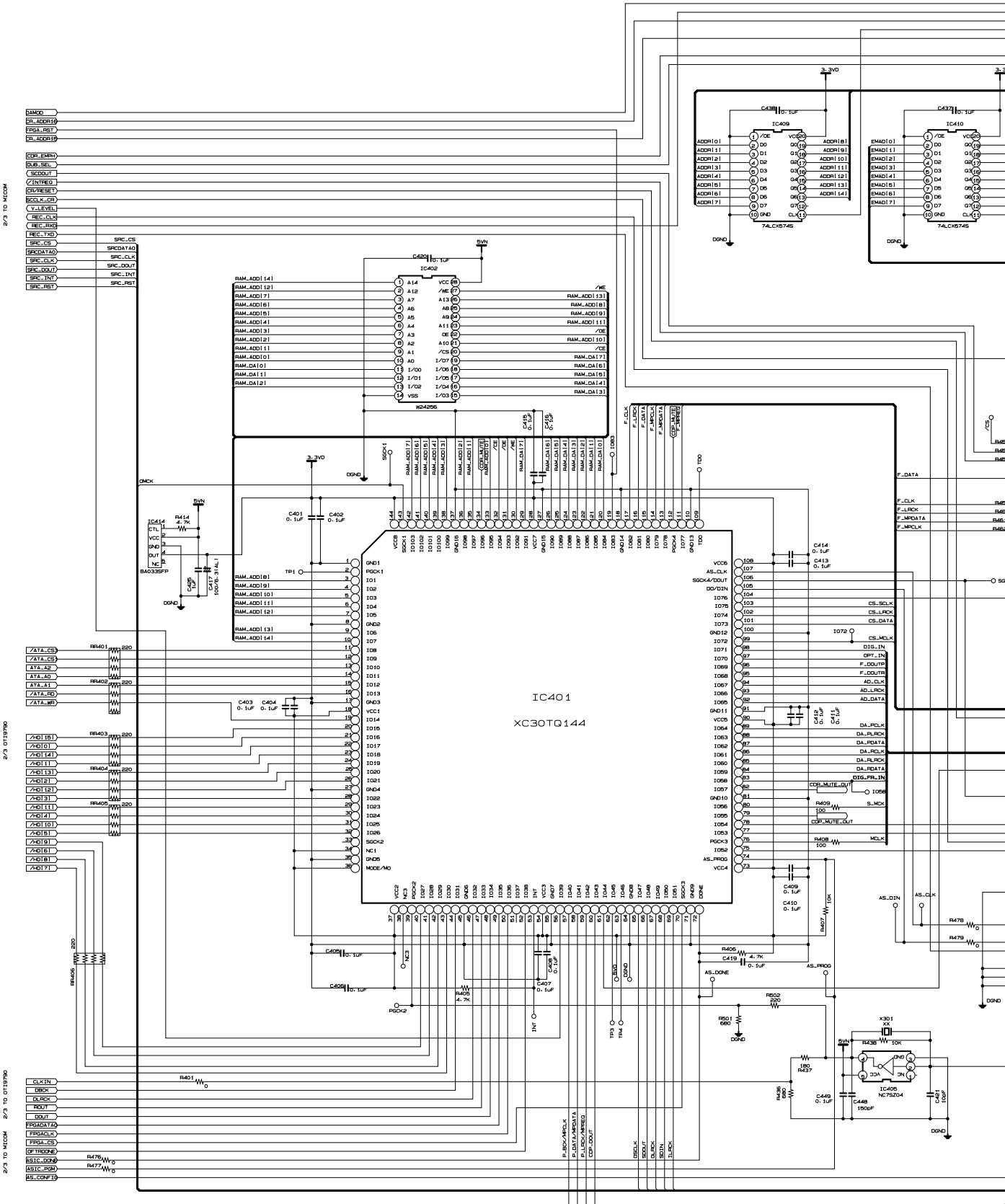


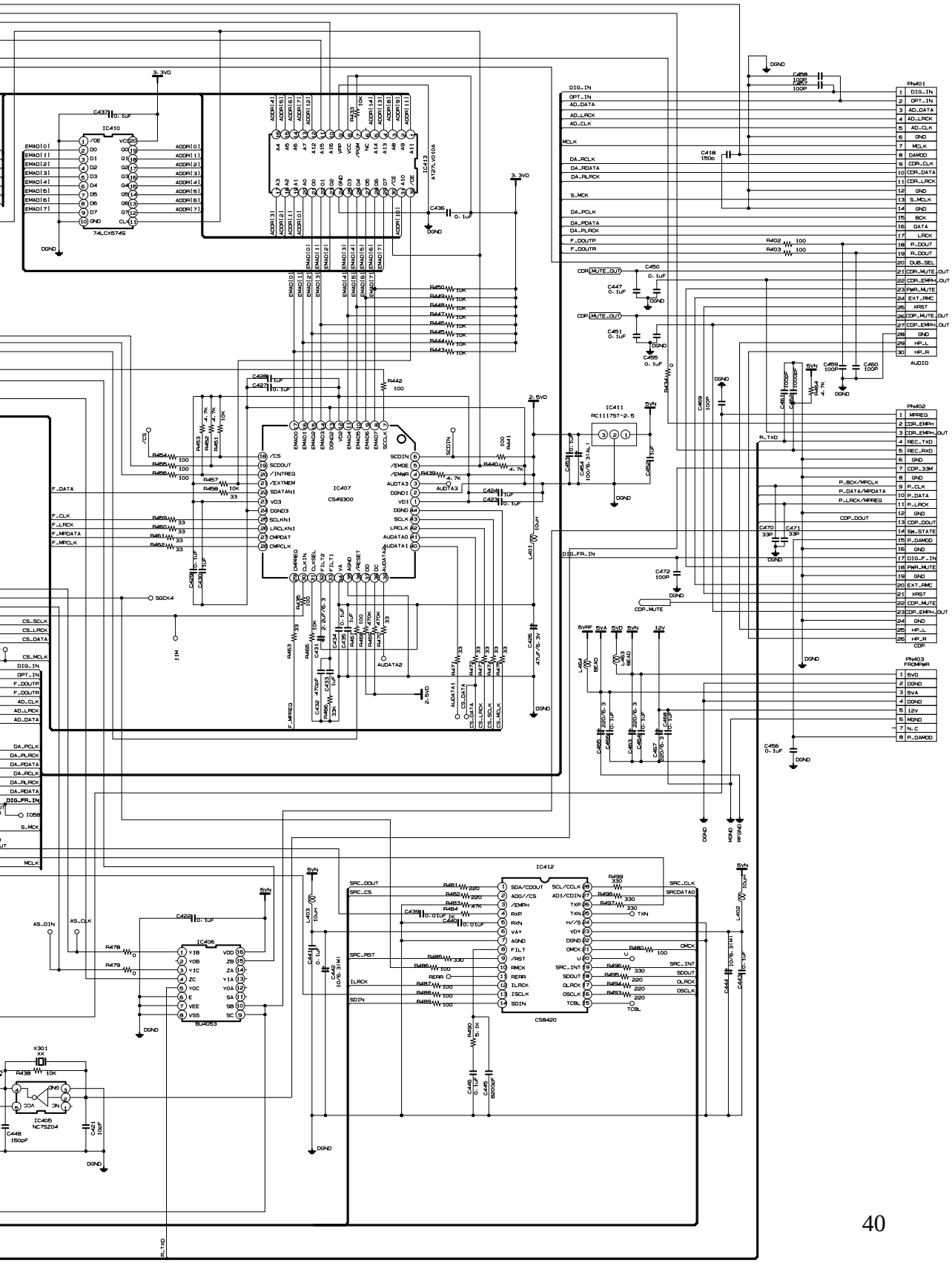
5. CD-RECORD 3 CIRCUIT DIAGRAM



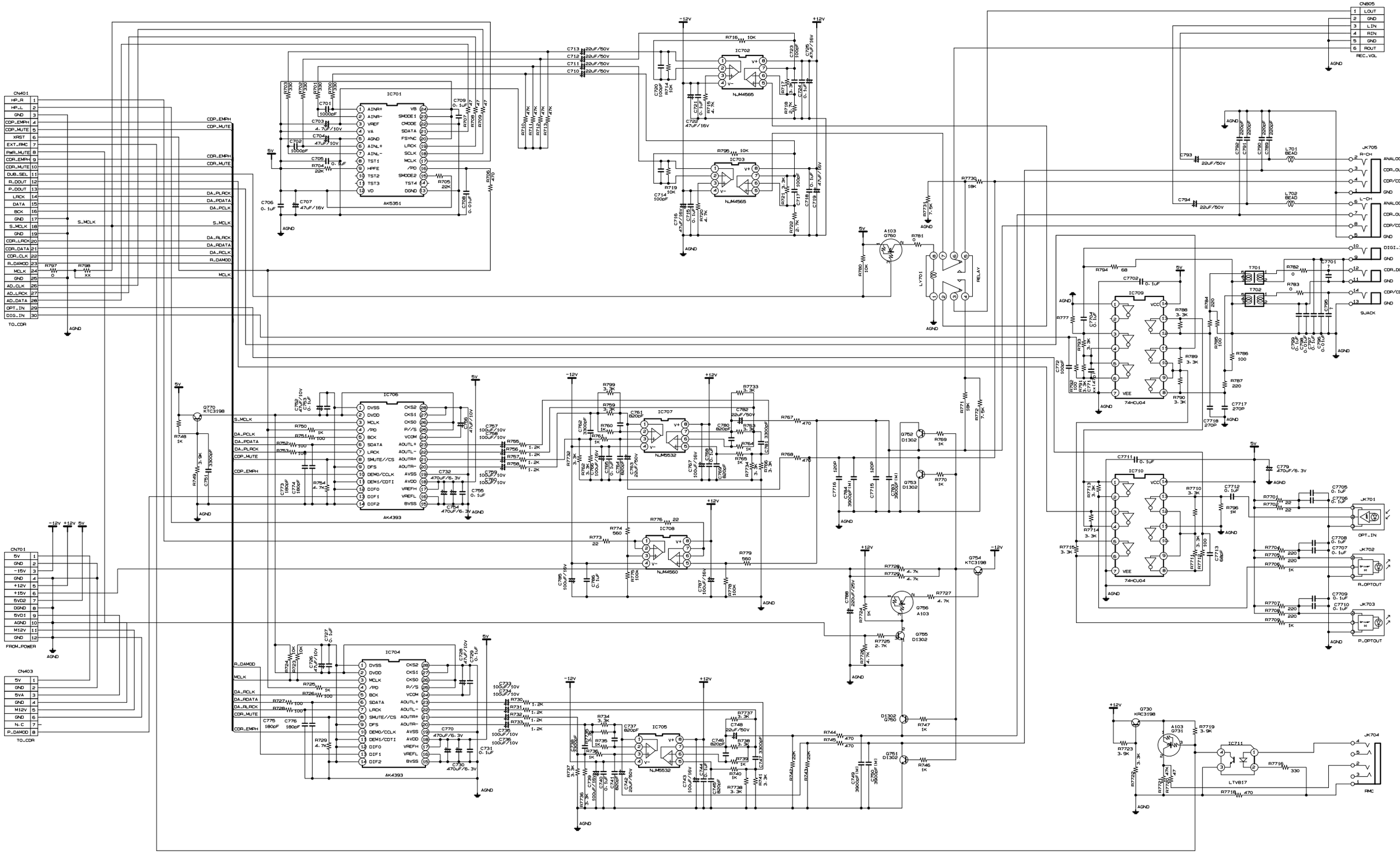
5. CD-RECORD 3 CIRCUIT DIAGRAM

Part 5



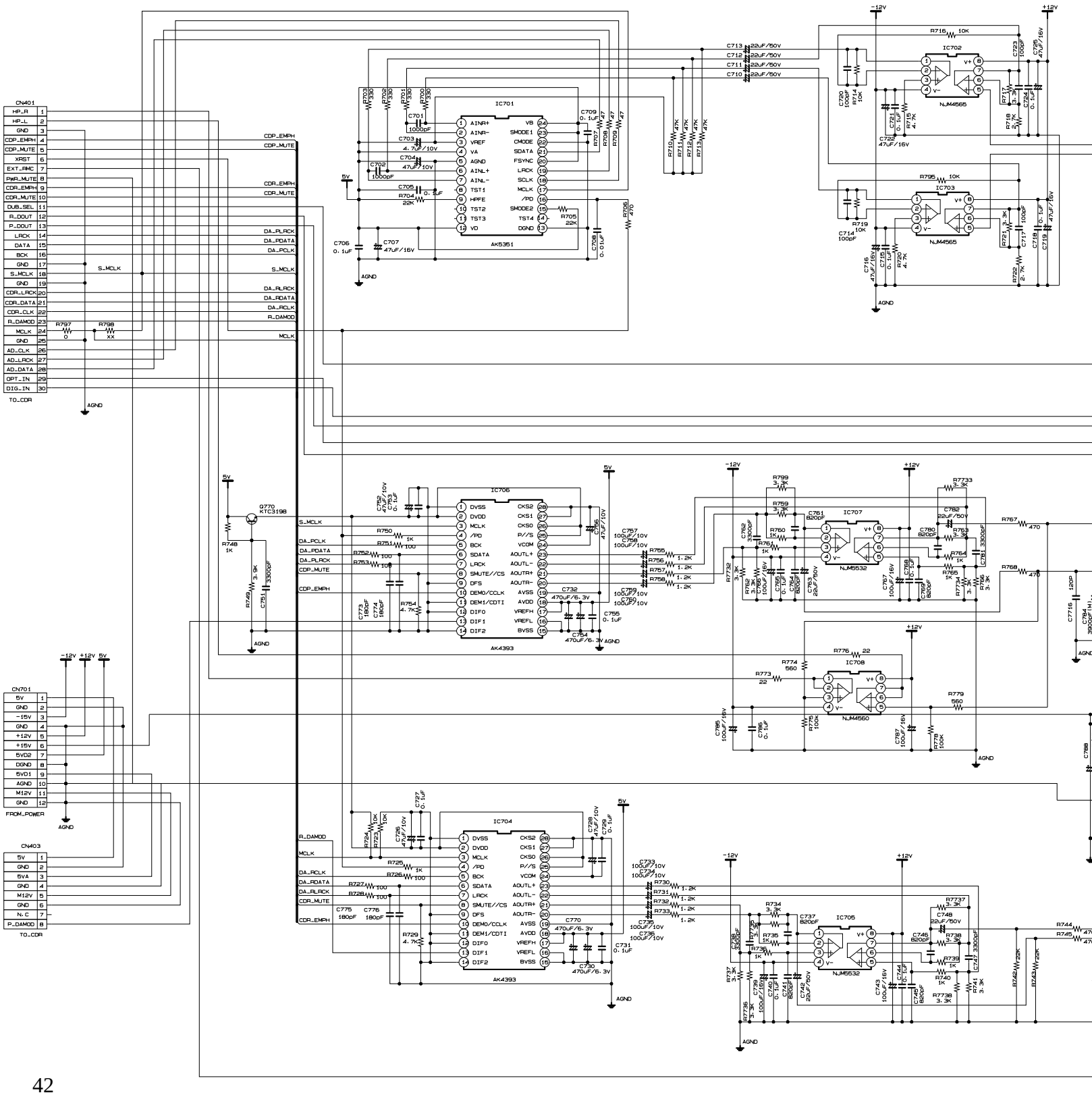


6. I/O CIRCUIT DIAGRAM



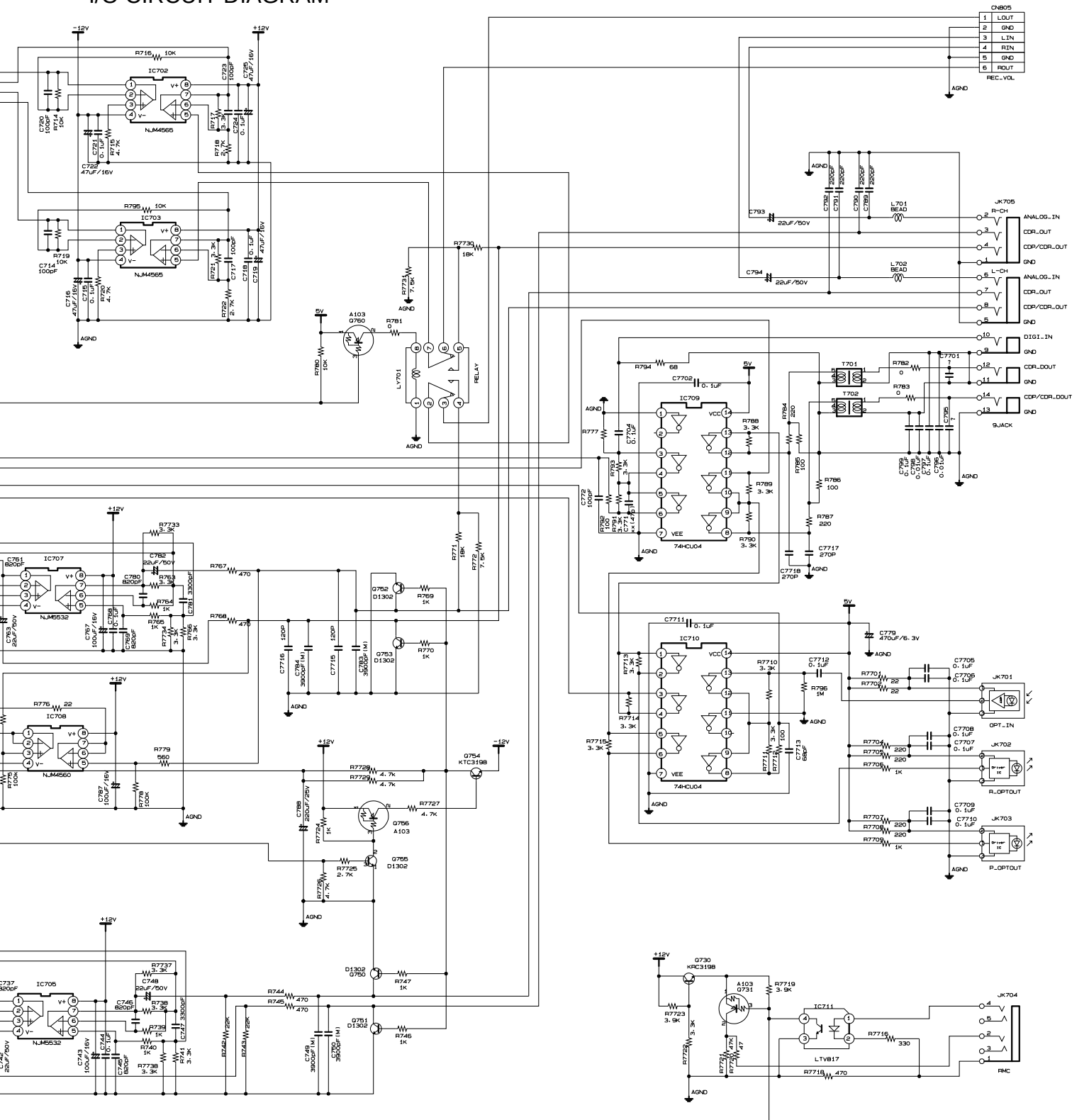
6. I/O CIRCUIT DIAGRAM

Part 1

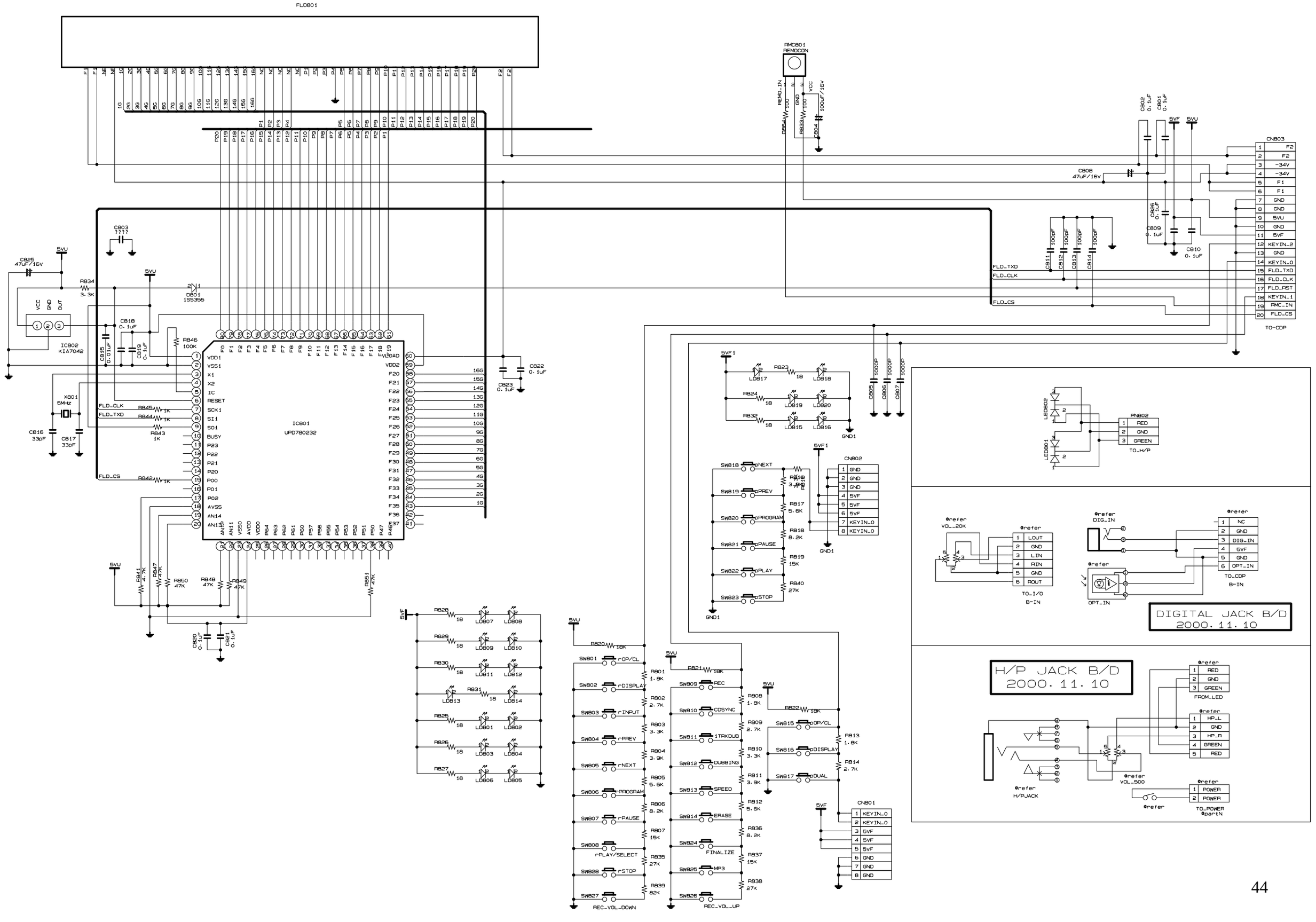


I/O CIRCUIT DIAGRAM

Part 2

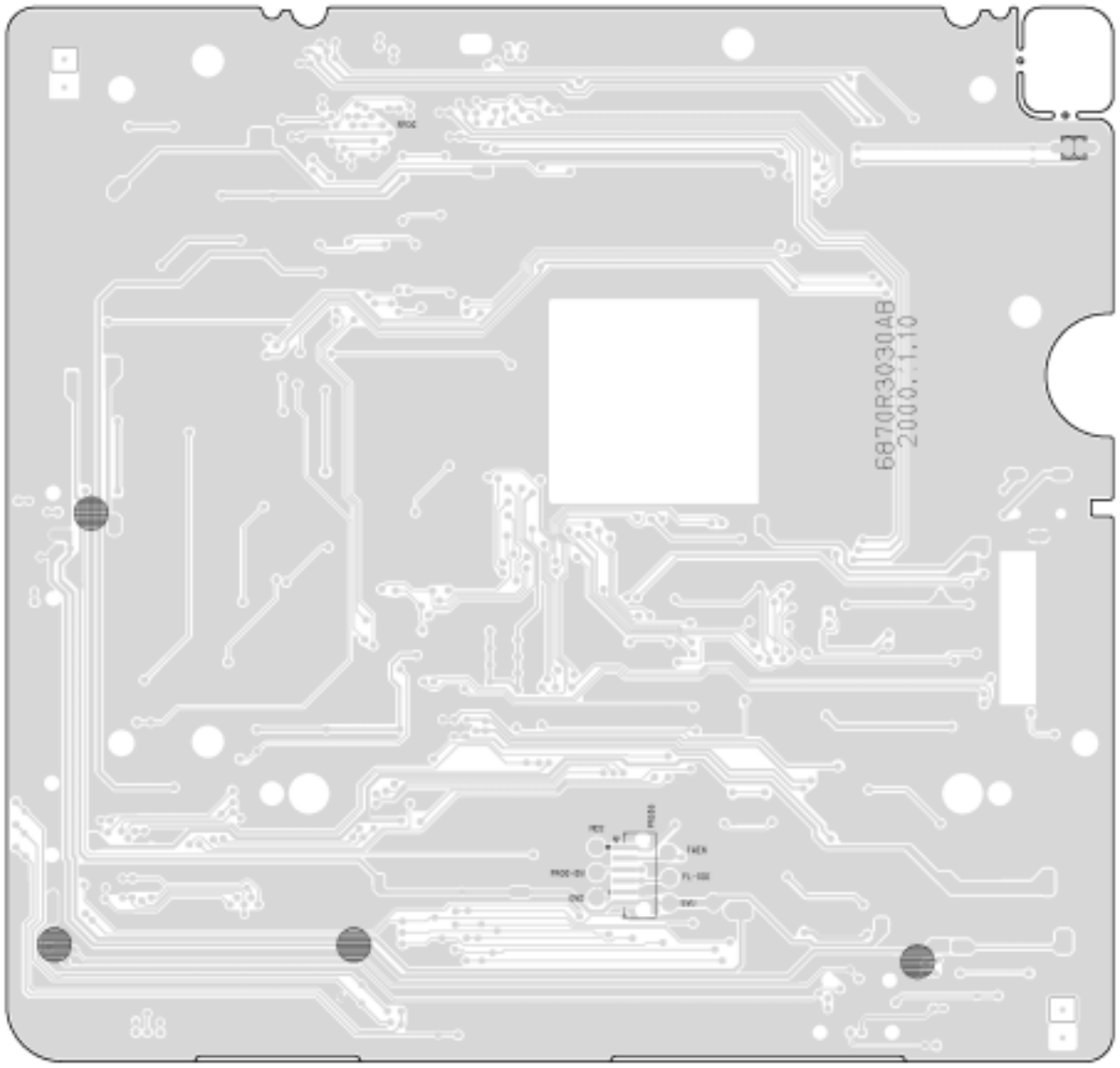


7. TIMER CIRCUIT DIAGRAM

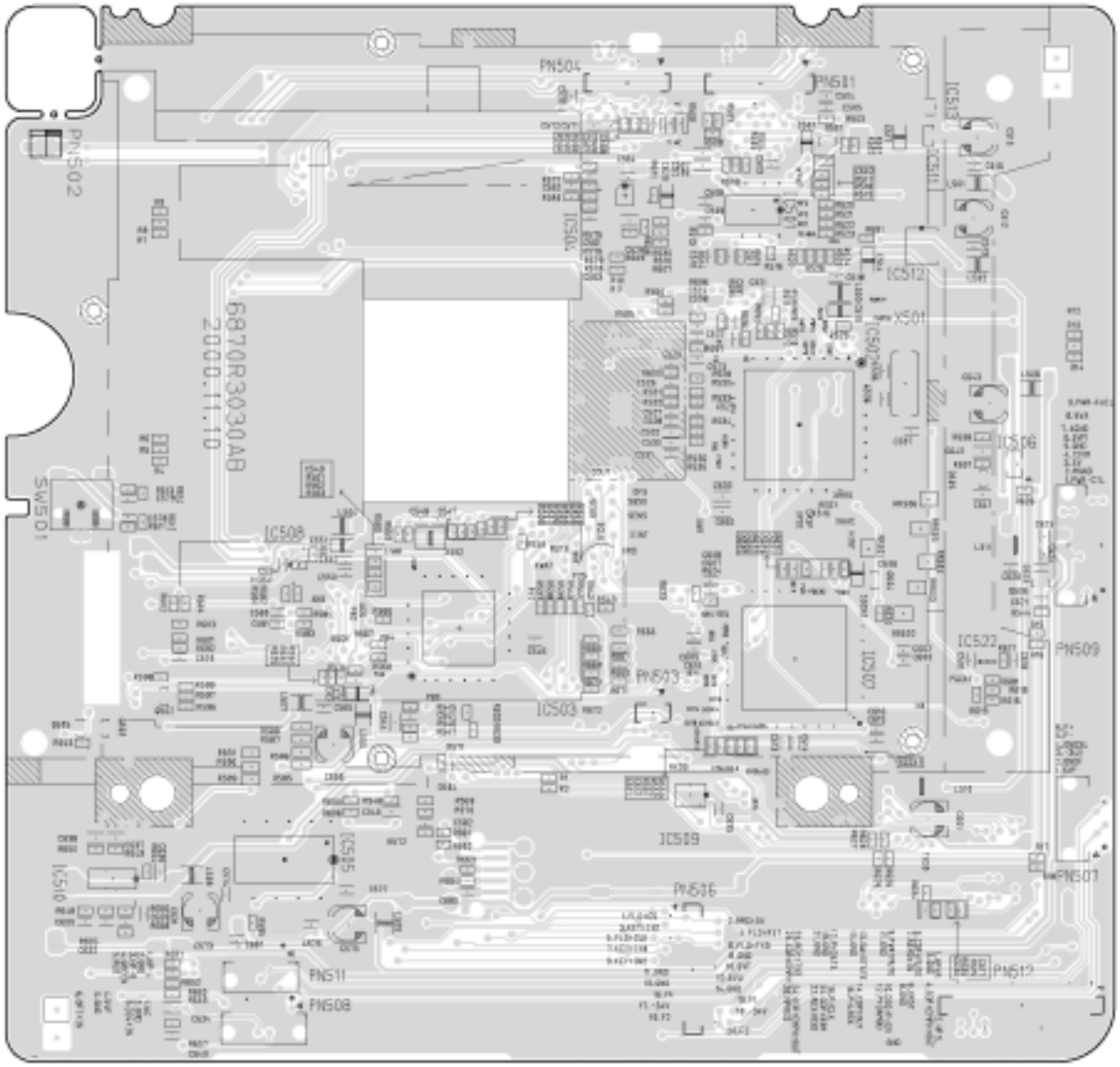


PRINTED CIRCUIT BOARD DIAGRAMS

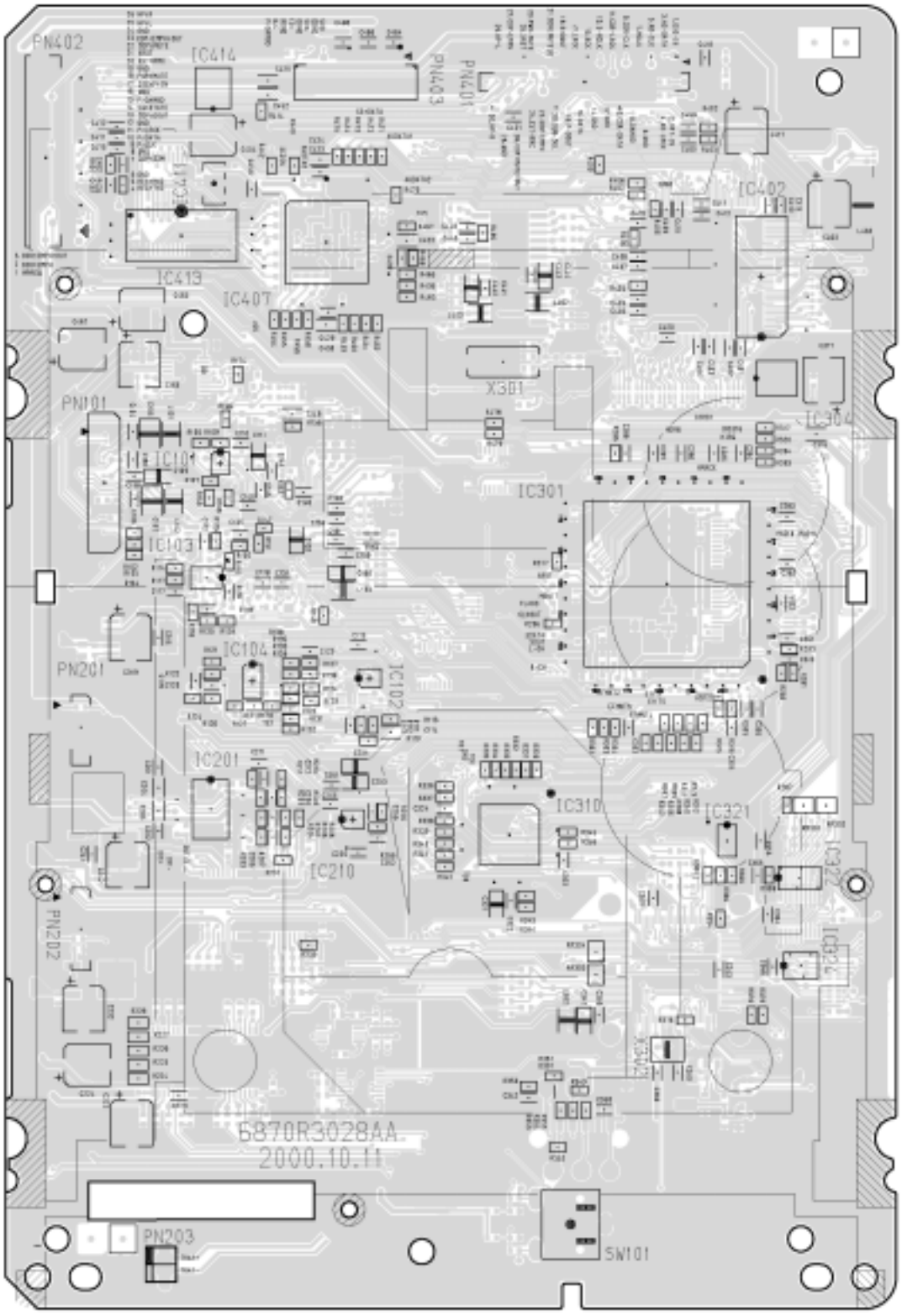
1. CD-PLAY TOP P.C.BOARD



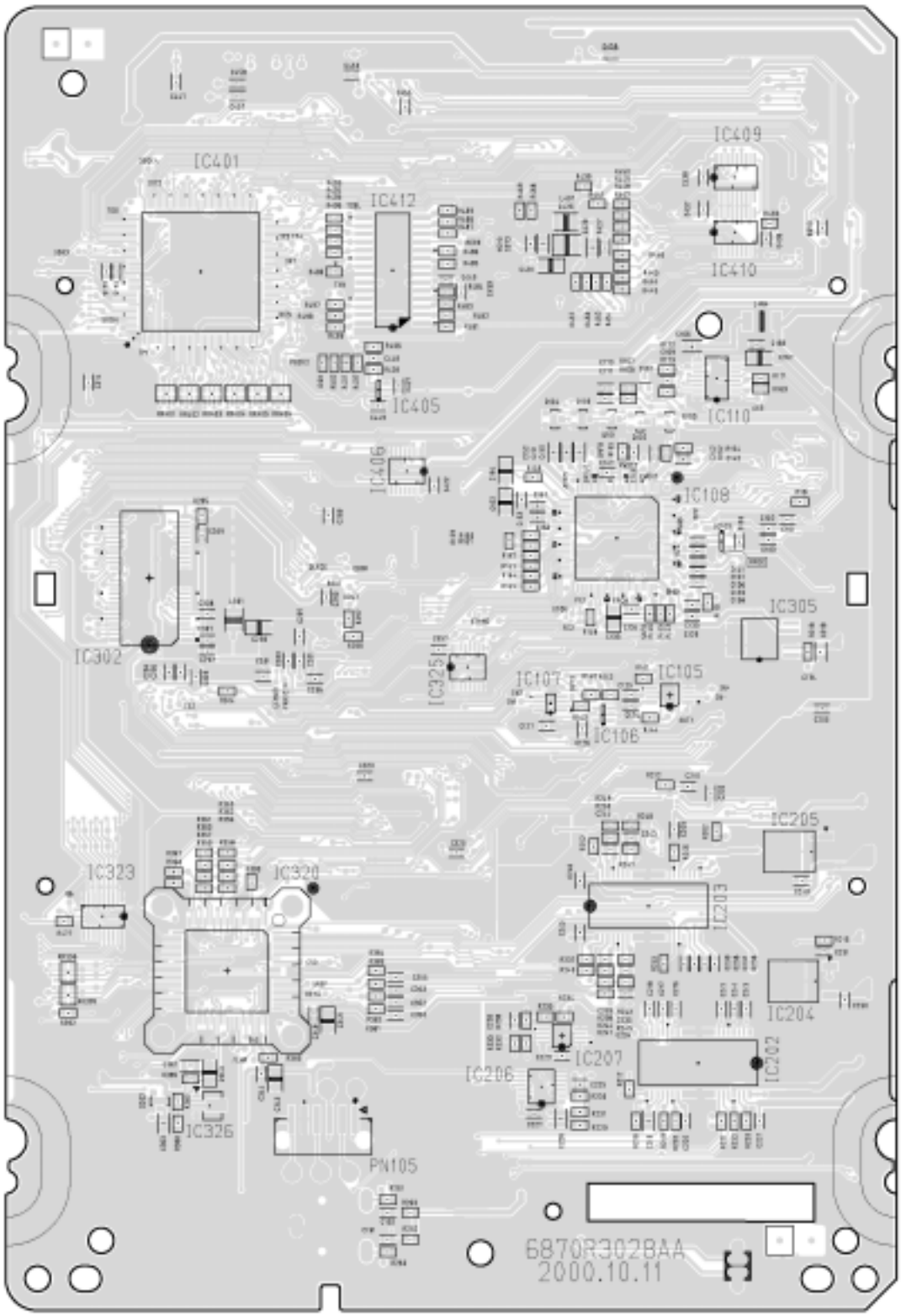
2. CD-PLAY BOTTOM P.C.BOARD



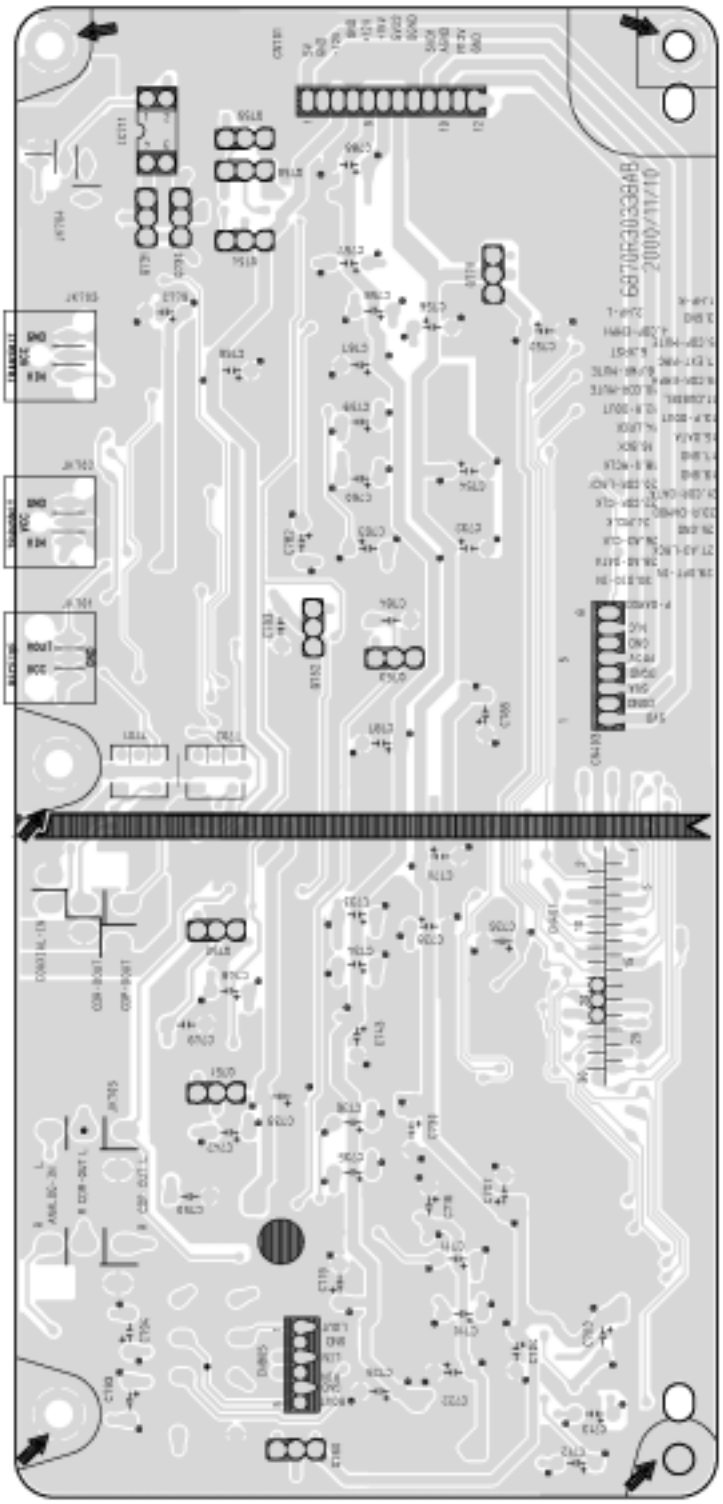
3. CD-RECORD TOP P.C.BOARD



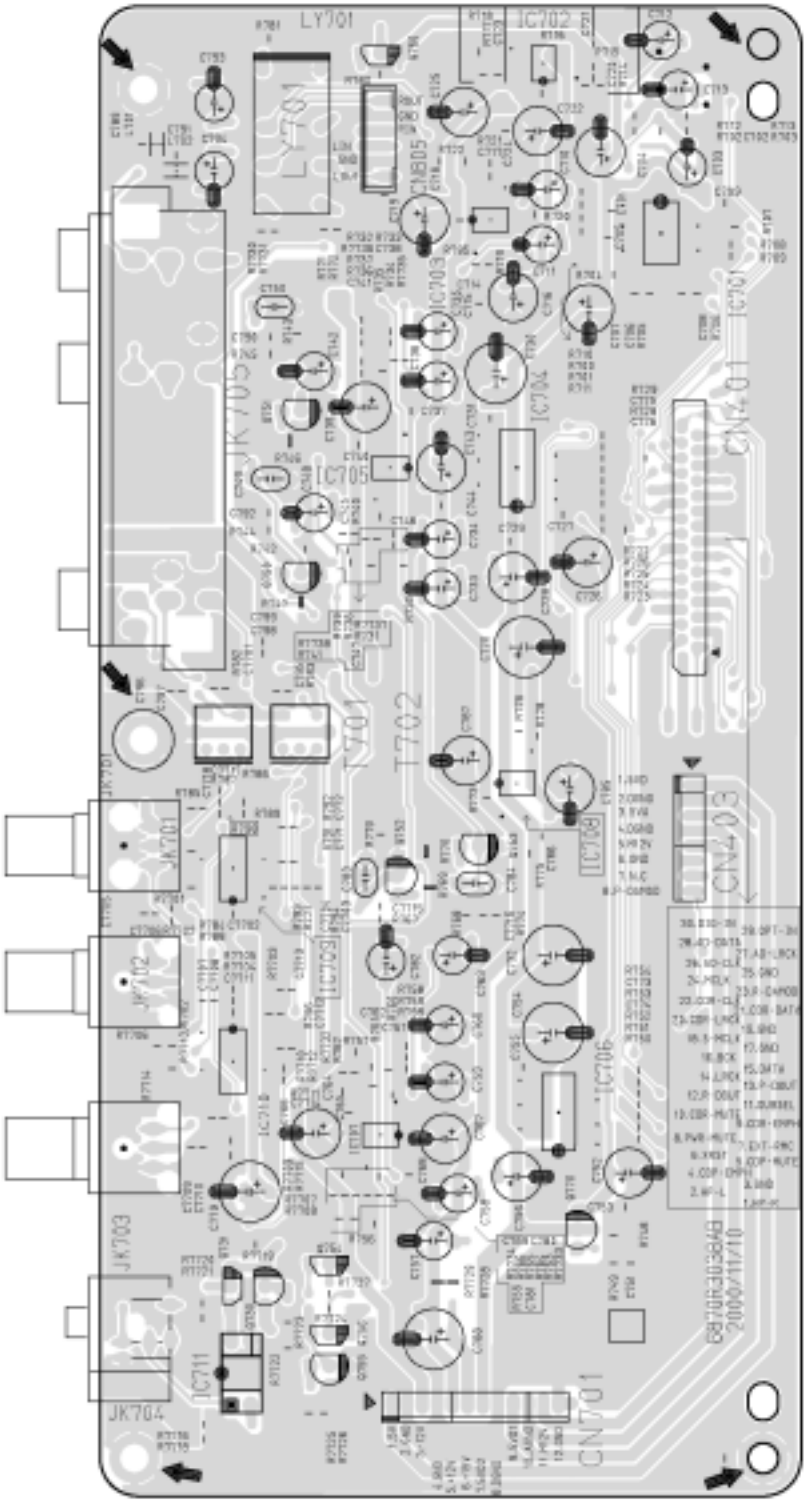
4. CD-RECORD BOTTOM P.C.BOARD



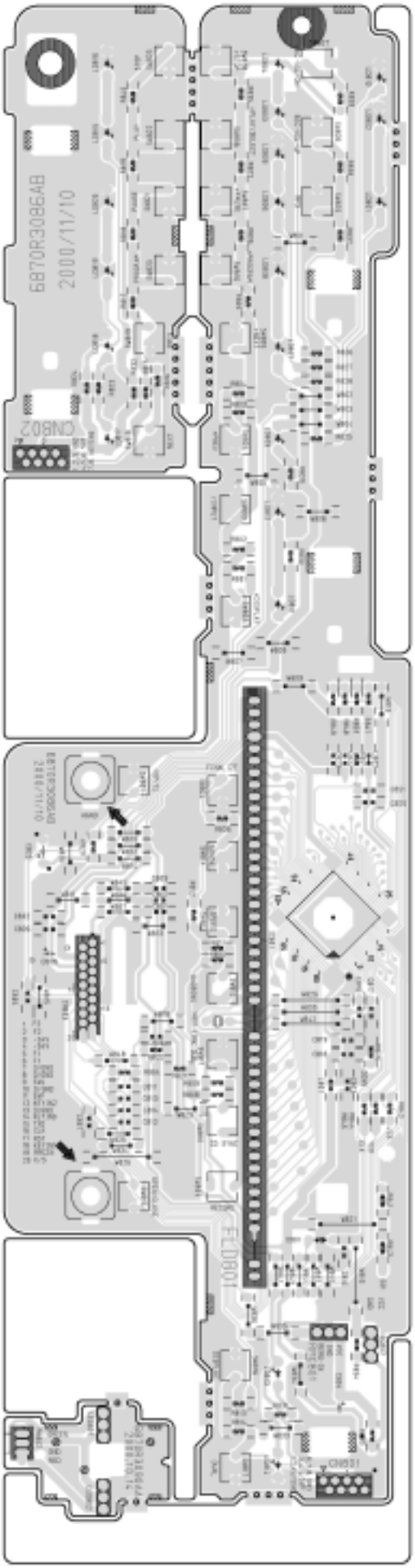
5. I/O TOP P.C.BOARD



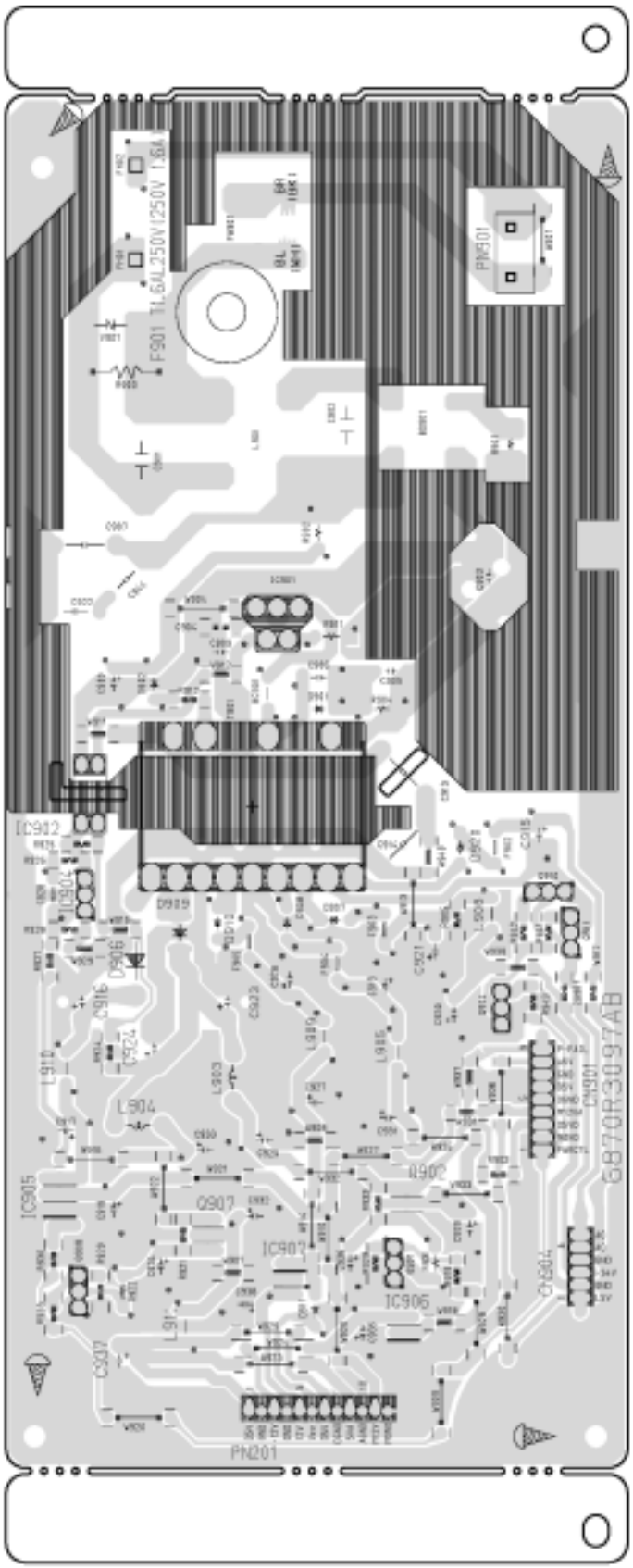
6 I/O BOTTOM P.C.BOARD



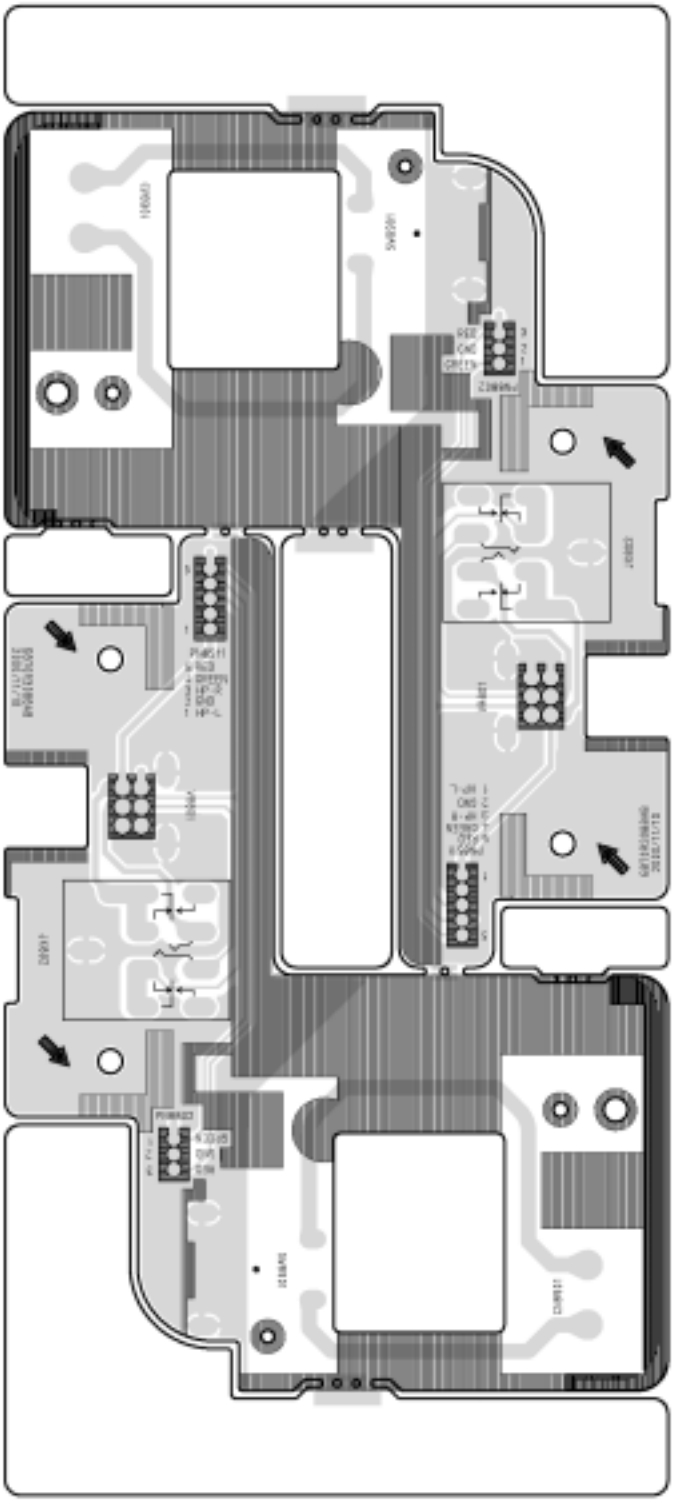
7. TIMER P.C.BOARD



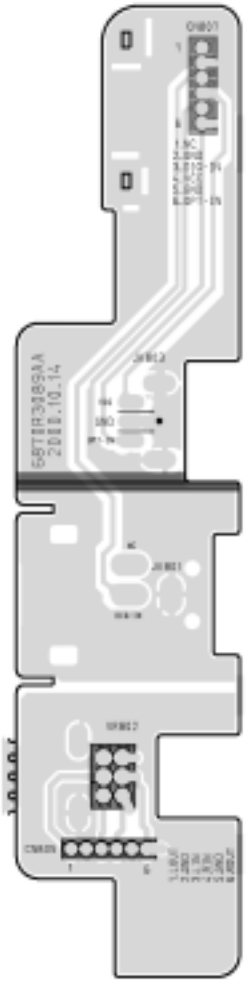
8. POWER P.C.BOARD



9. H/P P.C.BOARD

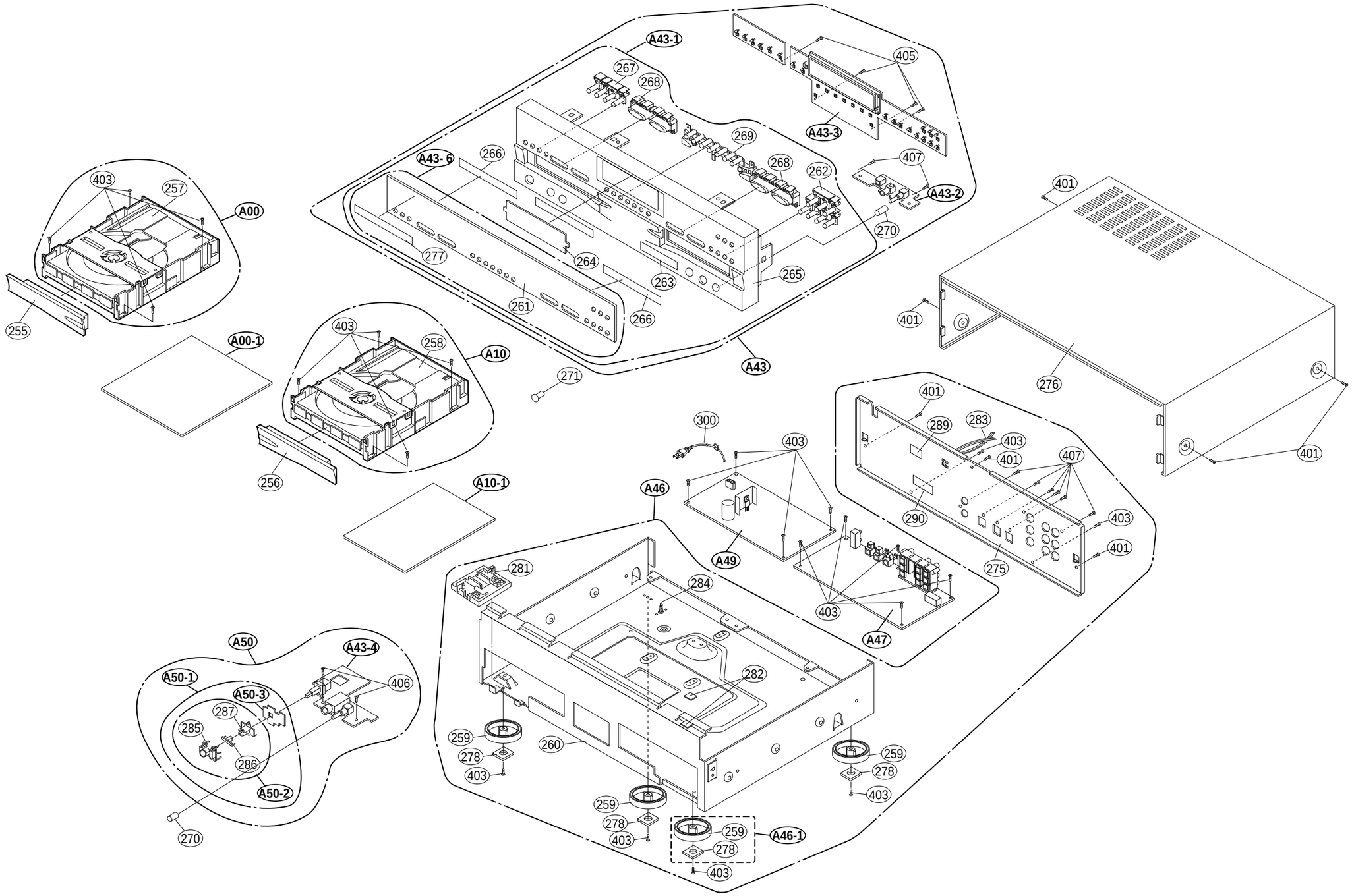


10. COAXIAL P.C.BOARD

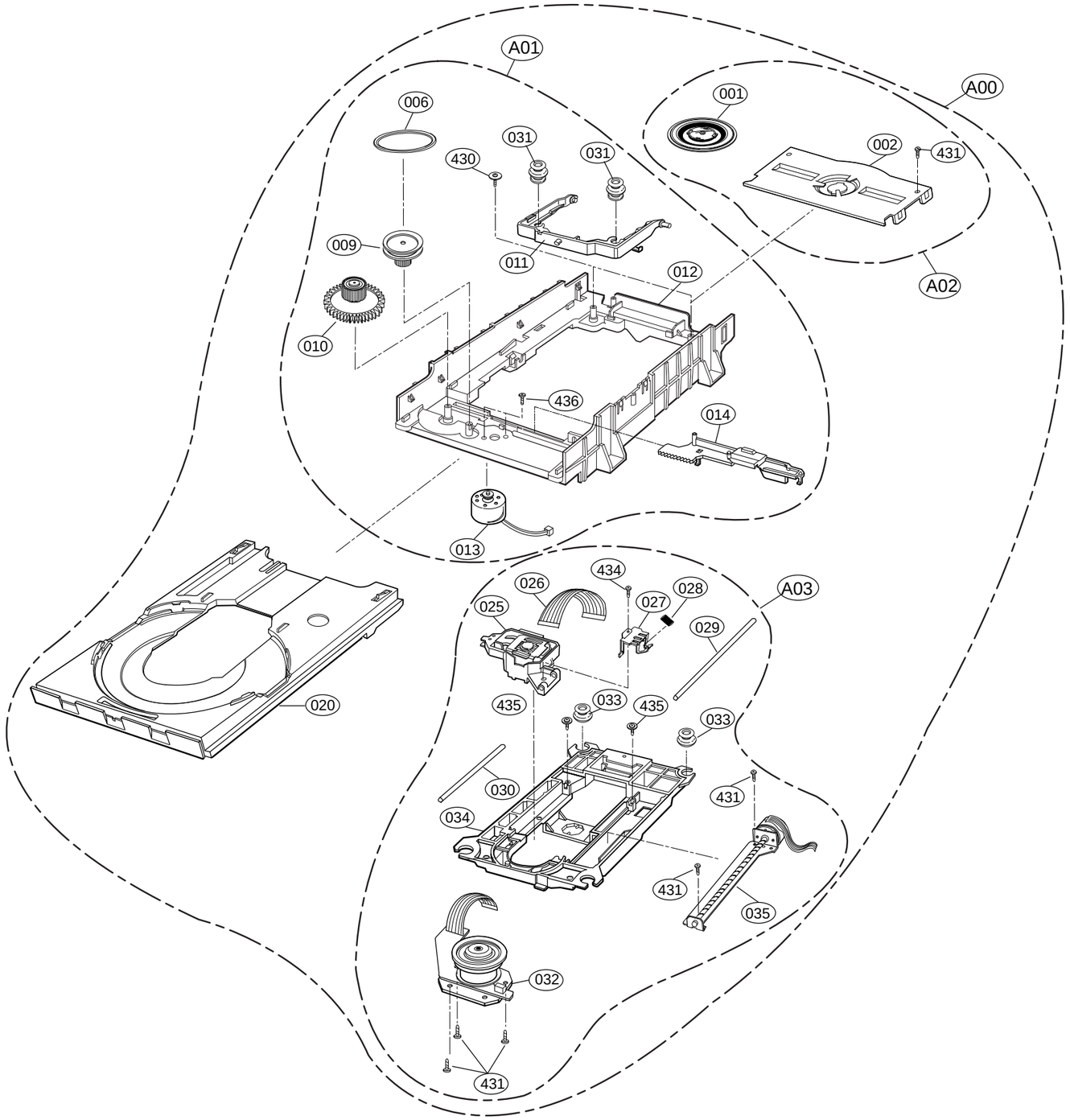


EXPLODED VIEW

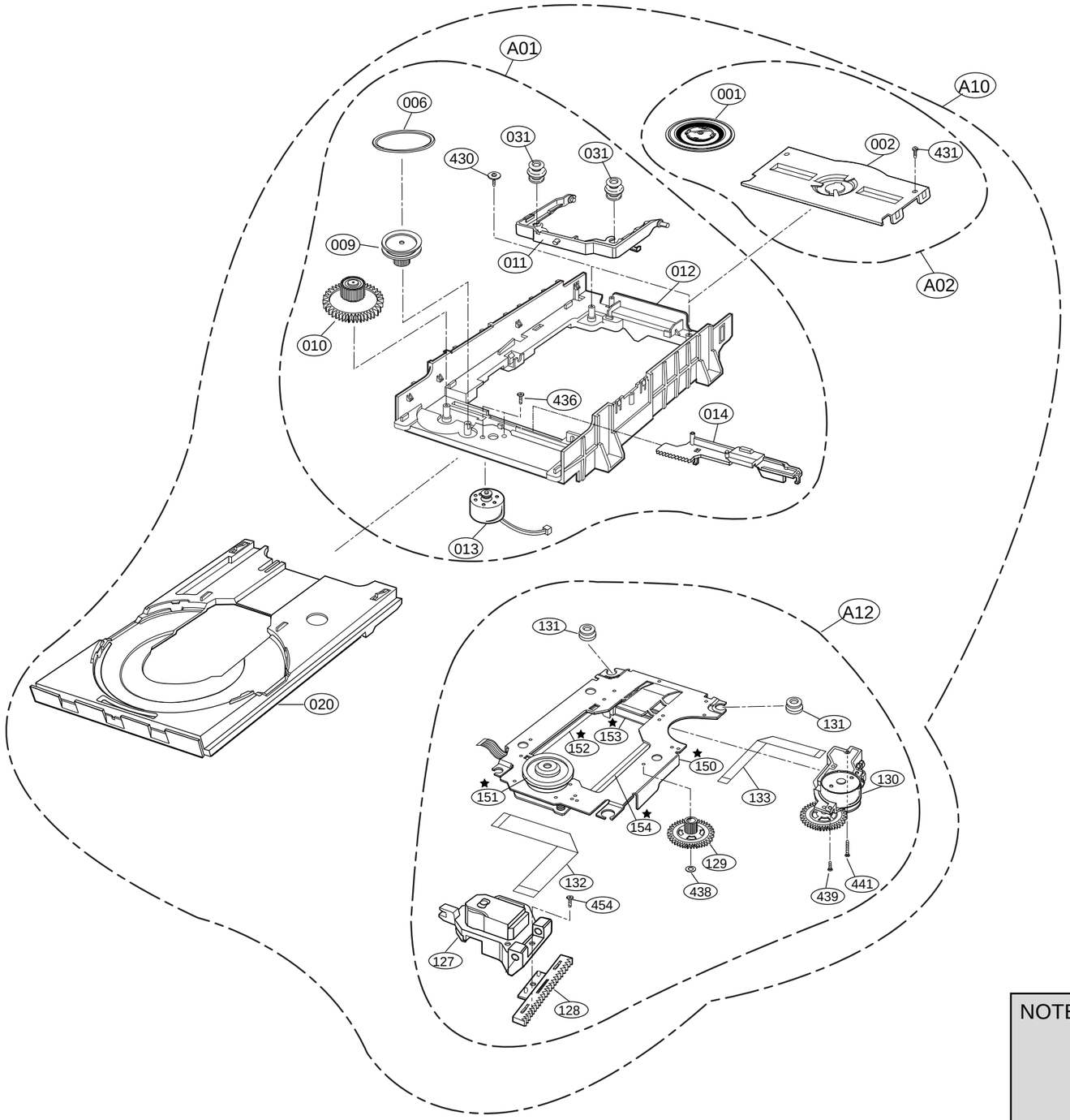
• MAIN SECTION



• CD PLAY SECTION



• CD RECORD SECTION



NOTE : The ★ part with location numbers. 150, 151, 152, 153, 154 are not serviceable parts. If you would like to replace these parts, order and replace the Assembly part(Location No. A12) only.
Because these parts need a Mechanical precision adjustment when reassembling after disassembling.

SECTION 5 REPLACEMENT PARTS LIST

A : CDR 30(UL) , B : CDR 30(EUROPE)

RUN : 2001.02.12

. Mechanical Section

NSP : Not Service Parts

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
			ASSEMBLY SECTION					
		A00	6721R-W223A	O	O	DECK ASSY,AUDIO	AADR700 PLAY DECK+CDP PCB	
		A00-1	6871R-3030A	O	O	PWB(PCB) ASSY,TOTAL	AADR700 KTH1K CDP	
		A01	4405R-D005A	O	O	MECHANISM ASSY	ACDR MAIN LOADING (CDM-700)	
		A02	4931R-0038A	O	O	HOLDER ASSY	CLAMP (CDM-700)	
		A03	4405R-D006A	O	O	MECHANISM ASSY	ACDR PU UNIT (CDM-700P)	
		A10	6721R-0312A	O	O	DECK ASSY,AUDIO	AADR700 RW DECK+RW PCB	
		A10-1	6721R-0307A	O	O	DECK ASSY	CDM-700RW	
		A12	4405R-D007A	O	O	MECHANISM ASSY	ACDR PU UNIT (CDM-700RW)	
			PARTS SECTION					
		001	4861R-0008A	O	O	CLAMP ASSY	DISC (CDM-700)	
		002	4930R-0209A	O	O	HOLDER	CLAMP (CDM-700)	
		006	4400H-1009A	O	O	BELT	GM-RT1332A	
		009	4470R-0055A	O	O	GEAR	PULLEY	
		010	4470R-0056A	O	O	GEAR	LOADING	
		011	3040R-0035A	O	O	BASE	UP/DOWN (CDM-700)	
		012	3040R-0034A	O	O	BASE	MAIN (CDM-700)	
		013	4681R-0013A	O	O	MOTOR ASSY	LOADING (CDM-700)	
		014	4974R-0029A	O	O	GUIDE	UP/DOWN (CDM-700)	
		020	3390R-0009A	O	O	TRAY	DISC (CDM-700,BLACK)	
		025	6716S-E001A	O	O	PICK UP	SF-P151EXVA SANYO ACDR	
		026	6850HD1L16A	O	O	CABLE,FLEXIBLE	2896-A-1.0-17(05*65)160 BANDO	
		027	4974R-0031A	O	O	GUIDE	FEED (CDM-700P, MATSUSHITA)	
		028	4970H-1086A	O	O	SPRING	FEED(GM-RT1332A)	
		029	4370H-1024C	O	O	SHAFT	P/U (R,GM-RT1332A)	
		030	4370H-1025B	O	O	SHAFT	P/U (L,GM-RT1332A)	
		031	5040R-0054A	O	O	RUBBER	FRONT (CDM-700)	
		032	4680HB1019A	O	O	MOTOR(MECH)	GCS-L32A LGEC SPINDLE	
		033	5040R-0053A	O	O	RUBBER	REAR (CDM-700)	
		034	3040R-0036A	O	O	BASE	P/U (CDM-700)	
		035	4680HP5002D	O	O	MOTOR(MECH)	OTHER 15S1R10F6NC3 MATSUSHITA	
		127	6716R-E002A	O	O	PICK UP	KRS-220C SONY 4RWX4RX32CD	
		128	4471R-0001A	O	O	GEAR ASSY	RACK(CDM-700RW)	
		129	4471R-0002A	O	O	GEAR ASSY	PINION(CDM-700RW)	
		130	4405R-D008A	O	O	MECHANISM ASSY	ACDR SLED UNIT(CDM-700RW,NEW H	
		131	5040R-0053A	O	O	RUBBER	REAR (CDM-700)	
		132	6850HD4P16C	O	O	CABLE,FLEXIBLE	SFBNCD-TN2 BANDO UL20624 0.5MM	
		133	6850HD1817A	O	O	CABLE,FLEXIBLE	SFBNCD-TN BANDO UL2896 1.0MM 8	
		150	3141R-0020A	O	O	CHASSIS ASSY	PU CHULKING (CDM-700RW)	
		151	4680HB1034A	O	O	MOTOR(MECH)	GRS-R02A LGP SPINDLE	NSP
		152	4370H-1078A	O	O	SHAFT	P/U(L/CD-RW)	NSP
		154	4370H-1079A	O	O	SHAFT	P/U(R/CD-RW)	NSP
			SCREW					
		401	353-085E	O	O	SCREW,DRAWING	+ 3 D4.0 L10.0 MSWR3/FZMCW-2	
		403	353-046N	O	O	SCREW,	SPECIAL(3X8 BK.)	
		403	353-051B	O	O	SCREW	SPECIAL	
		405	353-051A	O	O	SCREW	SPECIAL	
		406	1TRL0302016	O	O	SCREW TAPPING,BRIZER HEAD	D 3.0 L 6.0 MSWR3/(BK)	
		407	353-046K	O		SCREW	SPECIAL (3X10 B.K)	
		407	353-051AAAA	O	O	SCREW	TAP/T,WASHER 3X10 FZY,H/D:9.5	
		431	1SZZH-1007B	O	O	SCREW,	+ D2.0 6MM SWRCH16A/ZNBK 4MM 1	
		434	1SZZH-1011B	O	O	SCREW	+ D1.7 6MM SWRCH16A/NIY 3.5MM	
		435	1SZZH-1004A	O	O	SCREW,	+ D1.7 5MM SWRCH16A/ZNY 3.5MM	
		436	4000H-1006B	O	O	SCREW	+ D1.7 4.5MM SWRCH16A/ZNY 4MM	
		438	1WZZH-1009A	O	O	WASHER	BLACK Y POLY N	
		439	1SZZH-1020C	O	O	SCREW,	+ D2.0 4.5MM SWRCH16A/ZNY 4MM	
		441	1SZZH-1020A	O	O	SCREW,	+ D2.0 11.5MM SWRCH16A/ZNY 4MM	

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
			. Cabinet&Main Frame Section					
			ASSEMBLY SECTION					
		A43	3501R-M666A	O		BOARD ASSY	FRONT+PCB (AADR700 . EVNT)	
		A43	3501R-M666B		O	BOARD ASSY	FRONT+PCB (AADR700 . 3FH1)	
		A43-1	3721R-F171A	O		PANEL ASSY,FRONT	FRONT (AADR700.KTH1K)	
		A43-1	3721R-F171B		O	PANEL ASSY,FRONT	FRONT (AADR700 EROUPE)	
		A43-2	6871RU3089A	O	O	PWB(PCB) ASSY,SUBSET(AUDIO)	AADR700 KTH1K DIGITAL JACK	
		A43-3	6871RF3086A	O	O	PWB(PCB) ASSY,FRONT(AUDIO)	AADR700 KTH1K DIGITRON	
		A43-6	3790R-P022A	O	O	WINDOW	FL ASS'Y AADR700	
		A46	3141R-0021A	O		CHASSIS ASSY	MAIN(AADR700.KTH1K)	
		A46	3141R-0021D		O	CHASSIS ASSY	MAIN(AADR700 EROUPE)	
		A46-1	3610RB0001F	O	O	FOOT	BOTTOM ASSY(ADR-700)	
		A47	6871R-3038A	O		PWB(PCB) ASSY,TOTAL	AADR700 KTH1K AUDIO	
		A49	3501R-3097A	O		BOARD ASSY	ADR-700	
		A49	3501R-3097B		O	BOARD ASSY	ADR-700	
		A50	3501R-3212A	O		BOARD ASSY	JACK & KNOB ASSY	
		A50	3501R-3212B		O	BOARD ASSY	JACK & KNOB ASSY	
		A50-1	4941R-0003A	O	O	KNOB ASSY	POWER+PCB	
		A50-2	4941R-0004A	O	O	KNOB ASSY	POWER	
		A50-3	6871RZ3090A	O	O	PWB(PCB) ASSY,OTHERS	AADR700 KTH1K POWER LED	
		A50-4	6871RJ3088A	O		PWB(PCB) ASSY,JACK(AUDIO)	AADR700 KTH1K H/P JACK	
		A50-4	6871RJ3088B		O	PWB(PCB) ASSY,JACK(AUDIO)	ADR700 3FH1 JACK	
			PARTS SECTION					
		256	3580R-T011A	O	O	DOOR	ACDR TRAY (AADR700.KTH1K)	
		257	6721R-0306A	O	O	DECK ASSY	CDM-700P	
		258	6871R-3028A	O	O	PWB(PCB) ASSY,TOTAL	AADR700 KTH1K W/S	
		259	3610S-0192A	O	O	FOOT	BOTTOM(ADR-600 KTH1)	
		260	3140R-0021A	O	O	CHASSIS	MAIN(ADR-700)	
		261	3790R-P020A	O	O	WINDOW	FL(ADR-700.KTH1K)	
		262	4940R-T024A	O	O	KNOB	ACDR 7K(AADR700.KTH1K)	
		263	3300R-X020B	O	O	PLATE	LED 3K(ADR-700)	
		264	3300R-P008A	O	O	PLATE	FL(ADR-700)	
		265	3720R-M002A	O		PANEL,AUDIO	FRONT(AADR700.KTH1K)	
		265	3720R-M002B		O	PANEL,AUDIO	FRONT(AADR700 EROUPE)	
		266	3300R-X020A	O	O	PLATE	LED 8K(ADR-700)	
		267	4940R-T022A	O	O	KNOB	PLAY 4K(AADR700 KTH1K)	
		268	4940R-T023A	O	O	KNOB	SEESAW 4K(AADR700.KTH1K)	
		269	4940R-T019A	O	O	KNOB	REC 8KEY(AADR700.KTH1K)	
		270	4940R-V013A	O	O	KNOB	VOLUME (AADR700.KTH1K)	
		270	4940R-V013A	O	O	KNOB	VOLUME (AADR700.KTH1K)	
		271	3550R-0339A	O	O	COVER	OPTICAL(ADR-700)	
		275	3720R-Z012A	O		PANEL	BACK(AADR700.KTH1K)	
		275	3720R-Z012B		O	PANEL	BACK(AADR700 EROUPE)	
		276	3110R-0218A	O	O	CASE	TOP(AADR700.KTH1K)	
		277	3846S-0208A	O	O	MARK	HARMAN KARDON BADGE(ADR-600 KT	
		278	4766R-0003B	O	O	FELT	19.7*19.7 BLACK	
		281	4930R-0219B	O	O	HOLDER	POWER(ADR-700 FOR CE)	
		282	5040R-0045A	O	O	RUBBER	ADR-600 SILICON SHEET FF-4445	
		283	327-013C	O	O	CLAMP	CORD	NSP
		284	322-001E	O	O	SUPPORTER	SUPPORTER PWB DABS 16R	
		289	3850R-Z116C	O		LABEL	UL,CSA(35*14.5) SMPS PET0.1T	
		289	3850R-Z121A		O	LABEL	ADR-600KTH2/ORIGIN-EUROPE	
		290	3850R-B025C	O	O	LABEL	SERIAL BAR CODE-2 (ADR-600KTH1	
		300	6410RAHS02A	O		POWER CORD	AP-10W NI SP2 CORE 80 STP SANG	
		300	6410RCHS02A		O	POWER CORD	EP11 LTFZ-2F 2*0.75 EMI OR SAN	
			SCREW					
		454	1SZZH-1005B	O	O	SCREW,	+ D1.7 3MM SWRCH16A/NIY 3MM 0.	
			Packing Accessory Section					
		801	3829RDK007A	O		MANUAL ASSY	ADR-700 H/KARDON USA OM & 2CAR	
		801	3829RDK007B		O	MANUAL ASSY	ADR-700 H/KARDON EURO 8 OM & P	
		802	3890R-C024A	O		BOX	AADR700 HK-USA DW2 561/198/446	
		803	3920R-E019A	O	O	PACKING	H/C / NAD 0.02 100 EPS 4 571 1	
		804	3858R-S001B	O	O	SHEET (MECH)	LDPE 600M 780MM 0.5 DVD_5	
		808	534-002C	O	O	BATTERY	1.5V AAM UM-3 LOL 1PAIR	
		850	3008R-0004A	O	O	DISK	CD-R HARMAN KARDON(2ND)	
		851	564-036D	O	O	PLUG CONTACT CORD,PHONE	PHONE 1.5MZ 1185#26	
		852	564-036J	O	O	CORD	DIGIATL 1.5M 1365#30 ORANGE N	
			Remote Control Section					
		900	6711R1Z017C	O	O	REMOTE CONTROLLER ASSY	HANHGO 43KEY ACDR CDR30RC	

. Electrical Section

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
			CAPACITOR					
		C101	0CH4470K412	O	O	CAPA,CHIP CERAMIC M/L T.C F/S	47P 50V J COG 1.6X0.8 R/TP	
		C102	0CH4270K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	27PF 50V J NP0 1608 R/TP	
		C103	0CH4270K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	27PF 50V J NP0 1608 R/TP	
		C104	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C105	0CH7106F621	O	O	CAPACITOR,CHIP[TANTALUM]	10UF 16V M 3528MM TP(-)	
		C106	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C107	0CH7106F621	O	O	CAPACITOR,CHIP[TANTALUM]	10UF 16V M 3528MM TP(-)	
		C108	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C109	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C110	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C111	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C112	0CH4070K112	O	O	CAPACITOR,FIXED CERAMIC(High d	7PF 50V 0.5 pF NP0 1608 R/TP	
		C113	0CH1103K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C114	0CH1474F946	O	O	CAPA,CHIP CERAMIC M/L H.D F/S	0.4700UF 16V Z Y5V(F) 2012 R/T	
		C115	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C116	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C117	0CH4030K042	O	O	CAPA,CHIP CERAMIC M/L T.C F/S	3P 50V C N220 1.6X0.8 R/TP	
		C118	0CH4030K042	O	O	CAPA,CHIP CERAMIC M/L T.C F/S	3P 50V C N220 1.6X0.8 R/TP	
		C119	0CH1222K512	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	2200PF 50V K B 1608 R/TP	
		C120	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C122	0CH4271K412	O	O	CAPACITOR,FIXED CERAMIC(High d	270PF 50V 5% NP0 1608 R/TP	
		C123	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C124	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C125	0CH4221K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C126	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C127	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C128	0CH1103K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C129	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C130	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C131	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C132	0CH1224K514	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.22UF 50V 10% B(5YP) 3216 R/T	
		C133	0CH1224K514	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.22UF 50V 10% B(5YP) 3216 R/T	
		C134	0CH1333K562	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.033UF 50V K X7R(X) 1508 R/TP	
		C135	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C136	0CH1102K512	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% B(5YP) 1608 R/T	
		C137	0CH1102K512	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% B(5YP) 1608 R/T	
		C138	0CH1222K512	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	2200PF 50V K B 1608 R/TP	
		C139	0CH4221K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C140	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C141	0CH4331K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J COG 1.6X0.8 R/TP	
		C142	0CH1332K512	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	3300PF 50V 10% B(5YP) 1608 R/T	
		C143	0CH1152K512	O	O	CAPA,CHIP CERAMIC M/L H.D F/S	1500PF 50V K B 1608 R/TP	
		C144	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C145	0CH1153H562	O	O	CAPA,CHIP CERAMIC M/L H.D F/S	0.015UF 25V K X7R(X) 1508 R/TP	
		C146	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C147	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C148	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C149	0CH1154F516	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.15UF 16V 10% B(5YP) 2012 R/T	
		C150	0CH1334F946	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.33UF 16V 80%,-20% Y5V(F) 201	
		C151	0CH1334F946	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.33UF 16V 80%,-20% Y5V(F) 201	
		C152	0CH1334F946	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.33UF 16V 80%,-20% Y5V(F) 201	
		C153	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C154	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C155	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C156	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C157	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C158	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C159	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C160	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C161	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C162	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C163	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C164	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C165	0CH8107F621	O	O	CAPA,CHIP AL.ELECTROLYTIC	100UF 16V M 6666 R/TP	
		C166	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C167	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C168	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C169	0CH4151K412	O	O	CAPA,CHIP CERAMIC M/L T.C F/S	150P 50V J COG 1.6X0.8 R/TP	
		C170	0CH4151K412	O	O	CAPA,CHIP CERAMIC M/L T.C F/S	150P 50V J COG 1.6X0.8 R/TP	

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		C171	0CH4151K412	O	O	CAPA,CHIP CERAMIC M/L T.C F/S	150P 50V J COG 1.6X0.8 R/TP	
		C180	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C191	0CH1103K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C192	0CH1103K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C200	0CH1103K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C201	0CH1103K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C202	0CH1103K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C203	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C204	0CH1562K566	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	5600PF 50V 10% X7R(X) 2012 R/T	
		C205	0CH1562K566	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	5600PF 50V 10% X7R(X) 2012 R/T	
		C206	0CH1682K562	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	6800P 50V K X7R 1.6X0.8 R/TP	
		C207	0CH1682K562	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	6800P 50V K X7R 1.6X0.8 R/TP	
		C209	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C210	0CH1103K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C211	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C212	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C213	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C214	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C215	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C216	0CH1473H942	O	O	CAPA,CHIP CERAMIC M/L H.D F/S	0.0470UF 25V Z Y5V(F) 1608 R/T	
		C217	0CH1473H942	O	O	CAPA,CHIP CERAMIC M/L H.D F/S	0.0470UF 25V Z Y5V(F) 1608 R/T	
		C218	0CH1473H942	O	O	CAPA,CHIP CERAMIC M/L H.D F/S	0.0470UF 25V Z Y5V(F) 1608 R/T	
		C219	0CH1474F946	O	O	CAPA,CHIP CERAMIC M/L H.D F/S	0.4700UF 16V Z Y5V(F) 2012 R/T	
		C220	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C221	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C222	0CH8107F621	O	O	CAPA,CHIP AL.ELECTROLYTIC	100UF 16V M 6666 R/TP	
		C223	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C224	0CH8107F621	O	O	CAPA,CHIP AL.ELECTROLYTIC	100UF 16V M 6666 R/TP	
		C225	0CH1222K512	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	2200PF 50V K B 1608 R/TP	
		C226	0CH1474F946	O	O	CAPA,CHIP CERAMIC M/L H.D F/S	0.4700UF 16V Z Y5V(F) 2012 R/T	
		C227	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C229	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C230	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C231	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C232	0CH8107F621	O	O	CAPA,CHIP AL.ELECTROLYTIC	100UF 16V M 6666 R/TP	
		C234	0CH4101K412	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C236	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C237	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C238	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C239	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C240	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C241	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C242	0CH8107F621	O	O	CAPA,CHIP AL.ELECTROLYTIC	100UF 16V M 6666 R/TP	
		C245	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C246	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C250	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C251	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C252	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C253	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C254	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C255	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C256	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C282	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C283	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C284	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C285	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C286	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C287	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C288	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C289	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C290	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C291	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C292	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C293	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C294	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C295	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C296	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C297	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C300	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C301	0CH1102K512	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% B(5YP) 1608 R/T	
		C302	0CH1472K562	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	4700PF 50V K X7R(X) 1608 R/TP	
		C303	0CH1103K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C304	0CH1332K512	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	3300PF 50V 10% B(5YP) 1608 R/T	
		C305	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C306	0CH1472K562	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	4700PF 50V K X7R(X) 1608 R/TP	

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		C307	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C308	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C309	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C313	0CH4100K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	10PF 50V J NP0 1608 R/TP	
		C314	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C315	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C316	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C317	0CH8107F621	O	O	CAPA,CHIP AL.ELECTROLYTIC	100UF 16V M 6666 R/TP	
		C318	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C319	0CH8107F621	O	O	CAPA,CHIP AL.ELECTROLYTIC	100UF 16V M 6666 R/TP	
		C320	0CH4101K412	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C321	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C322	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C323	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C324	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C325	0CH1103K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C340	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C342	0CH4101K412	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C343	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C344	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C345	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C346	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C347	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C348	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C349	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C350	0CH1473H942	O	O	CAPA,CHIP CERAMIC M/L H.D F/S	0.0470UF 25V Z Y5V(F) 1608 R/T	
		C351	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C352	0CH1473H942	O	O	CAPA,CHIP CERAMIC M/L H.D F/S	0.0470UF 25V Z Y5V(F) 1608 R/T	
		C353	0CH1103K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C354	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C355	0CH1103K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C356	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C357	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C358	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C359	0CH4150K412	O	O	CAPA,CHIP CERAMIC M/L T.C F/S	15P 50V J COG 1.6X0.8 R/TP	
		C360	0CH4150K412	O	O	CAPA,CHIP CERAMIC M/L T.C F/S	15P 50V J COG 1.6X0.8 R/TP	
		C361	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C362	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C363	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C364	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C365	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C366	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C401	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C402	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C403	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C404	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C405	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C406	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C407	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C408	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C409	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C410	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C411	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C412	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C413	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C414	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C415	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C416	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C417	0CH8107F621	O	O	CAPA,CHIP AL.ELECTROLYTIC	100UF 16V M 6666 R/TP	
		C418	0CH4151K412	O	O	CAPA,CHIP CERAMIC M/L T.C F/S	150P 50V J COG 1.6X0.8 R/TP	
		C419	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C420	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C421	0CH4100K112	O	O	CHIP CAPA CERAMIC M/L T.C F/S	10P 50V D COG 1.6X0.8 R/TP	
		C422	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C423	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C424	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C425	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C426	0CH7476C621	O	O	CAPACITOR,CHIP[TANTALUM]	47UF 6.3V M 3528 TP(-)	
		C427	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C428	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C429	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C430	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C431	0CH7225F611	O	O	CAPACITOR,FIXED TANTALUM	2.2UF 16V 20% 3216 TP(-)	
		C432	0CH1471K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	470PF 50V 10% X7R(X) 1608 R/TP	
		C433	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		C434	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C435	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C436	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C437	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C438	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C439	0CH1103K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C440	0CH1103K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C441	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C442	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C443	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C444	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C445	0CH1822K562	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	8200PF 50V K X7R(X) 1608 R/TP	
		C446	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C447	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C448	0CH4151K412	O	O	CAPA,CHIP CERAMIC M/L T.C F/S	150P 50V J COG 1.6X0.8 R/TP	
		C449	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C450	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C451	0CH4151K412	O	O	CAPA,CHIP CERAMIC M/L T.C F/S	150P 50V J COG 1.6X0.8 R/TP	
		C452	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C453	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C454	0CH8107F621	O	O	CAPA,CHIP AL.ELECTROLYTIC	100UF 16V M 6666 R/TP	
		C455	0CH4151K412	O	O	CAPA,CHIP CERAMIC M/L T.C F/S	150P 50V J COG 1.6X0.8 R/TP	
		C456	0CH4151K412	O	O	CAPA,CHIP CERAMIC M/L T.C F/S	150P 50V J COG 1.6X0.8 R/TP	
		C459	0CH4101K412	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C460	0CH4101K412	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C461	0CH4101K412	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C462	0CH1102K512	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% B(5YP) 1608 R/T	
		C463	0CH8227C621	O	O	CAPACITOR,CHIP[AL. ELECTROLYTI	220UF 6.3V M 105STD (CYL) R/TP	
		C464	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C465	0CH8227C621	O	O	CAPACITOR,CHIP[AL. ELECTROLYTI	220UF 6.3V M 105STD (CYL) R/TP	
		C466	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C467	0CH8107F621	O	O	CAPA,CHIP AL.ELECTROLYTIC	100UF 16V M 6666 R/TP	
		C468	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C469	0CH4101K412	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C470	0CH4330K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	33P 50V J COG 1.6X0.8 R/TP	
		C471	0CH4330K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	33P 50V J COG 1.6X0.8 R/TP	
		C472	0CH4101K412	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C501	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C502	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C503	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C504	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C505	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C506	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C507	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C508	0CH1332K562	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	3300P 50V K X7R 1.6X0.8 R/TP	
		C509	0CH4121K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C510	0CH1822K562	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	8200PF 50V K X7R(X) 1608 R/TP	
		C512	0CH8476F611	O	O	CAPACITOR,CHIP[AL. ELECTROLYTI	47UF 16V M 85STD(CYL) R/TP SAM	
		C513	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C514	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C515	0CH8476F611	O	O	CAPACITOR,CHIP[AL. ELECTROLYTI	47UF 16V M 85STD(CYL) R/TP SAM	
		C516	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C517	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C518	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C519	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C520	0CH1333K562	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.033UF 50V K X7R(X) 1508 R/TP	
		C521	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C522	0CH1102K512	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% B(5YP) 1608 R/T	
		C524	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C525	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C526	0CH1473H942	O	O	CAPA,CHIP CERAMIC M/L H.D F/S	0.0470UF 25V Z Y5V(F) 1608 R/T	
		C527	0CH4151K412	O	O	CAPA,CHIP CERAMIC M/L T.C F/S	150P 50V J COG 1.6X0.8 R/TP	
		C528	0CH1103K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C529	0CH4221K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C530	0CH1474F946	O	O	CAPA,CHIP CERAMIC M/L H.D F/S	0.4700UF 16V Z Y5V(F) 2012 R/T	
		C531	0CH1103K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C532	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C533	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C534	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C535	0CH4100K112	O	O	CHIP CAPA CERAMIC M/L T.C F/S	10P 50V D COG 1.6X0.8 R/TP	
		C536	0CH4100K112	O	O	CHIP CAPA CERAMIC M/L T.C F/S	10P 50V D COG 1.6X0.8 R/TP	
		C537	0RH0102C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10 OHM 1 / 16 W 1608 5.00% D	
		C538	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C541	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C542	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		C543	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C544	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C545	0CH1104K946	O	O	CAPA,CHIP CERAMIC M/L H.D F/S	0.1UF 50V Z Y5V(F) 2012 R/TP	
		C546	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C547	0CH4150K412	O	O	CAPA,CHIP CERAMIC M/L T.C F/S	15P 50V J COG 1.6X0.8 R/TP	
		C548	0CH4150K412	O	O	CAPA,CHIP CERAMIC M/L T.C F/S	15P 50V J COG 1.6X0.8 R/TP	
		C549	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C550	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C551	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C552	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C561	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C562	0CH1473H942	O	O	CAPA,CHIP CERAMIC M/L H.D F/S	0.0470UF 25V Z Y5V(F) 1608 R/T	
		C563	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C564	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C565	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C566	0CH8107F621	O	O	CAPA,CHIP AL.ELECTROLYTIC	100UF 16V M 6666 R/TP	
		C567	0CH1471K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	470PF 50V 10% X7R(X) 1608 R/TP	
		C568	0CH1471K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	470PF 50V 10% X7R(X) 1608 R/TP	
		C569	0CH1471K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	470PF 50V 10% X7R(X) 1608 R/TP	
		C570	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C571	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C572	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C573	0CH8107F621	O	O	CAPA,CHIP AL.ELECTROLYTIC	100UF 16V M 6666 R/TP	
		C574	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C575	0CH8227C621	O	O	CAPACITOR,CHIP[AL. ELECTROLYTI	220UF 6.3V M 105STD (CYL) R/TP	
		C576	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C577	0CH4331K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	330P 50V J COG 1.6X0.8 R/TP	
		C578	0CH1103K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C579	0CH1103K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	0.01UF 50V 10% X7R(X) 1608 R/T	
		C580	0CH1472K562	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	4700PF 50V K X7R(X) 1608 R/TP	
		C581	0CH1472K562	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	4700PF 50V K X7R(X) 1608 R/TP	
		C582	0CH4101K412	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C591	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C600	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C601	0CH8476F611	O	O	CAPACITOR,CHIP[AL. ELECTROLYTI	47UF 16V M 85STD(CYL) R/TP SAM	
		C602	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C603	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C604	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C605	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C606	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C607	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C608	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C609	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C610	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C611	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C612	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C613	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C614	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C615	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C616	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C617	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C621	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C623	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C624	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C625	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C626	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C628	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C629	0CH7106C611	O	O	CAPA,CHIP TANRALUM	10UF 6.3V M 3216 TP(-)	
		C630	0CH1102K512	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% B(5YP) 1608 R/T	
		C631	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C633	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C634	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C635	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C636	0CH1104K946	O	O	CAPA,CHIP CERAMIC M/L H.D F/S	0.1UF 50V Z Y5V(F) 2012 R/TP	
		C638	0CH4101K416	O	O	CAPA,CHIP CERAMIC M/L T.C F/S	100P 50V J NP0 2.0*1.25 R/TP	
		C639	0CH4101K412	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C640	0CH4221K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C641	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C642	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C643	0CH8227C621	O	O	CAPACITOR,CHIP[AL. ELECTROLYTI	220UF 6.3V M 105STD (CYL) R/TP	
		C680	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C681	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C691	0CH1122K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1200PF 50V 10% X7R(X) 1608 R/T	
		C692	0CHZS-0002C	O	O	CAPACITOR,CHIP	GRM40Y5V105Z16D530 PT85 MURATA	
		C701	0CH1102K512	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% B(5YP) 1608 R/T	

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		C702	0CH1102K512	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	1000PF 50V 10% B(5YP) 1608 R/T	
		C703	0CE4756K618	O	O	CAPACITOR,FIXED ELECTROLYTIC	4.7UF SMS,SG 50V 20% FL TP 5	
		C704	0CE4766J618	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 35V M FM(5) TP(5)	
		C705	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C706	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C707	0CE4766J618	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 35V M FM(5) TP(5)	
		C708	0CH1103K512	O	O	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C709	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C710	0CE2266K618	O	O	CAPACITOR,ELECTROLYTIC	22M SMS 50V M FM5 TP(5)	
		C711	0CE2266K618	O	O	CAPACITOR,ELECTROLYTIC	22M SMS 50V M FM5 TP(5)	
		C712	0CE2266K618	O	O	CAPACITOR,ELECTROLYTIC	22M SMS 50V M FM5 TP(5)	
		C713	0CE2266K618	O	O	CAPACITOR,ELECTROLYTIC	22M SMS 50V M FM5 TP(5)	
		C714	0CH4101K412	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C715	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C716	0CE4766J618	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 35V M FM(5) TP(5)	
		C717	0CH4101K412	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C718	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C719	0CE4766J618	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 35V M FM(5) TP(5)	
		C720	0CH4101K412	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C721	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C722	0CE4766J618	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 35V M FM(5) TP(5)	
		C723	0CH4101K412	O	O	CHIP CAPA CERAMIC M/L T.C F/S	100P 50V J COG 1.6X0.8 R/TP	
		C724	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C725	0CE4766J618	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 35V M FM(5) TP(5)	
		C726	0CE4766J618	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 35V M FM(5) TP(5)	
		C727	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C728	0CE4766J618	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 35V M FM(5) TP(5)	
		C729	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C730	0CE4775C618	O	O	CAPACITOR,AL.ELECTROLYTIC	470UF SR,SV 6.3V M FL TP 5	
		C731	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C732	0CE4775C618	O	O	CAPACITOR,AL.ELECTROLYTIC	470UF SR,SV 6.3V M FL TP 5	
		C733	0CE1076D618	O	O	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	
		C734	0CE1076D618	O	O	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	
		C735	0CE1076D618	O	O	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	
		C736	0CE1076D618	O	O	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	
		C737	0CH1821K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	820PF 50V 10% X7R(X) 1608 R/TP	
		C738	0CH1332K562	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	3300P 50V K X7R 1.6X0.8 R/TP	
		C739	0CE1076F618	O	O	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	
		C740	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C741	0CH1821K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	820PF 50V 10% X7R(X) 1608 R/TP	
		C742	0CE2266K618	O	O	CAPACITOR,ELECTROLYTIC	22M SMS 50V M FM5 TP(5)	
		C743	0CE1076F618	O	O	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	
		C744	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C745	0CH1821K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	820PF 50V 10% X7R(X) 1608 R/TP	
		C746	0CH1821K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	820PF 50V 10% X7R(X) 1608 R/TP	
		C747	0CH1332K562	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	3300P 50V K X7R 1.6X0.8 R/TP	
		C748	0CE2266K618	O	O	CAPACITOR,ELECTROLYTIC	22M SMS 50V M FM5 TP(5)	
		C749	0CQ3921N409	O	O	CAPACITOR POLYESTER(MYLAR)	0.0039U 100V J POLY TP	
		C750	0CQ3921N409	O	O	CAPACITOR POLYESTER(MYLAR)	0.0039U 100V J POLY TP	
		C751	0CH1332K562	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	3300P 50V K X7R 1.6X0.8 R/TP	
		C752	0CE4766J618	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 35V M FM(5) TP(5)	
		C753	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C754	0CE4775C618	O	O	CAPACITOR,AL.ELECTROLYTIC	470UF SR,SV 6.3V M FL TP 5	
		C755	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C756	0CE4766J618	O	O	CAPACITOR,ELECTROLYTIC	47M SMS 35V M FM(5) TP(5)	
		C757	0CE1076D618	O	O	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	
		C758	0CE1076D618	O	O	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	
		C759	0CE1076D618	O	O	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	
		C760	0CE1076D618	O	O	CAPACITOR,ELECTROLYTIC	100M SMS 10V M FM5 TP(5)	
		C761	0CH1821K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	820PF 50V 10% X7R(X) 1608 R/TP	
		C762	0CH1332K562	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	3300P 50V K X7R 1.6X0.8 R/TP	
		C763	0CE2266K618	O	O	CAPACITOR,ELECTROLYTIC	22M SMS 50V M FM5 TP(5)	
		C764	0CH1821K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	820PF 50V 10% X7R(X) 1608 R/TP	
		C765	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C766	0CE1076F618	O	O	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	
		C767	0CE1076F618	O	O	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	
		C768	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C769	0CH1821K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	820PF 50V 10% X7R(X) 1608 R/TP	
		C770	0CE4775C618	O	O	CAPACITOR,AL.ELECTROLYTIC	470UF SR,SV 6.3V M FL TP 5	
		C7702	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C7703	0CH4221K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C7704	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C7705	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C7706	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C7707	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		C7708	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C7709	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C7710	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C7711	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C7712	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C7713	0CH4680K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	68P 50V J COG 1.6X0.8 R/TP	
		C7715	0CH4121K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C7716	0CH4121K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	120P 50V J COG 1.6X0.8 R/TP	
		C7717	0CH4271K412	O	O	CAPACITOR,FIXED CERAMIC(High d	270PF 50V 5% NP0 1608 R/TP	
		C7718	0CH4271K412	O	O	CAPACITOR,FIXED CERAMIC(High d	270PF 50V 5% NP0 1608 R/TP	
		C773	0CH4181K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	180P 50V J COG 1.6X0.8 R/TP	
		C774	0CH4181K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	180P 50V J COG 1.6X0.8 R/TP	
		C775	0CH4181K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	180P 50V J COG 1.6X0.8 R/TP	
		C776	0CH4181K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	180P 50V J COG 1.6X0.8 R/TP	
		C779	0CE4775C618	O	O	CAPACITOR,AL.ELECTROLYTIC	470UF SR,SV 6.3V M FL TP 5	
		C780	0CH1821K562	O	O	CAPACITOR,FIXED CERAMIC(Temp.c	820PF 50V 10% X7R(X) 1608 R/TP	
		C781	0CH1332K562	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	3300P 50V K X7R 1.6X0.8 R/TP	
		C782	0CE2266K618	O	O	CAPACITOR,ELECTROLYTIC	22M SMS 50V M FM5 TP(5)	
		C783	0CQ3921N409	O	O	CAPACITOR POLYESTER(MYLAR)	0.0039U 100V J POLY TP	
		C784	0CQ3921N409	O	O	CAPACITOR POLYESTER(MYLAR)	0.0039U 100V J POLY TP	
		C785	0CE1076F618	O	O	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	
		C786	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C787	0CE1076F618	O	O	CAPACITOR,ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	
		C788	0CE2276H618	O	O	CAPACITOR,ELECTROLYTIC	220M SMS 25V FM5 TP(5)	
		C789	0CH4221K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C790	0CH4221K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C791	0CH4221K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C792	0CH4221K412	O	O	CAPACITOR,CHIP[CERAMIC M/L TC	220P 50V J COG 1.6X0.8 R/TP	
		C793	0CE2266K618	O	O	CAPACITOR,ELECTROLYTIC	22M SMS 50V M FM5 TP(5)	
		C794	0CE2266K618	O	O	CAPACITOR,ELECTROLYTIC	22M SMS 50V M FM5 TP(5)	
		C796	0CH1103K512	O	O	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C797	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C798	0CH1103K512	O	O	CAPA,CHIP CERAMIC M/L H.D F/S	0.0100UF 50V K B 1608 R/TP	
		C799	0CH1104K942	O	O	CAPACITOR,CHIP[CERAMIC M/L HD	0.1UF 50V Z Y5V(F) 1508 R/TP	
		C801	0CN1040K948	O	O	CAPACITOR,FIXED TUBULAR(High d	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C802	0CN1040K948	O	O	CAPACITOR,FIXED TUBULAR(High d	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C804	0CE1073F638	O	O	CAPACITOR,FIXED ELECTROLYTIC	100UF SRE,SE 16V 20% FM5 TP 5	
		C805	0CN1020K518	O	O	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C806	0CN1020K518	O	O	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C807	0CN1020K518	O	O	CAPACITOR TUBULA(HIGH DIELE)	1000P 50V K B TA26	
		C809	0CN1040K948	O	O	CAPACITOR,FIXED TUBULAR(High d	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C810	0CN1040K948	O	O	CAPACITOR,FIXED TUBULAR(High d	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C811	0CN1010K418	O	O	CAPACITOR,TUBULAR(HIGH DIELEC)	100PF 50V J B TA26	
		C812	0CN1010K418	O	O	CAPACITOR,TUBULAR(HIGH DIELEC)	100PF 50V J B TA26	
		C813	0CN1010K418	O	O	CAPACITOR,TUBULAR(HIGH DIELEC)	100PF 50V J B TA26	
		C814	0CN1010K418	O	O	CAPACITOR,TUBULAR(HIGH DIELEC)	100PF 50V J B TA26	
		C816	0CX3300K408	O	O	CAPACITOR TUBULA(T.C)	33P 50V J SL TA26	
		C817	0CX3300K408	O	O	CAPACITOR TUBULA(T.C)	33P 50V J SL TA26	
		C818	0CN1040K948	O	O	CAPACITOR,FIXED TUBULAR(High d	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C819	0CN1040K948	O	O	CAPACITOR,FIXED TUBULAR(High d	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C820	0CN1040K948	O	O	CAPACITOR,FIXED TUBULAR(High d	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C821	0CN1040K948	O	O	CAPACITOR,FIXED TUBULAR(High d	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C822	0CN1040K948	O	O	CAPACITOR,FIXED TUBULAR(High d	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C823	0CN1040K948	O	O	CAPACITOR,FIXED TUBULAR(High d	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C826	0CN1040K948	O	O	CAPACITOR,FIXED TUBULAR(High d	0.1UF D 50V 80%,-20% F(Y5V) TA	
		C900	624-085D	O	O	CAPACITOR	CE 47UF/50V KME (SMPS)	
		C901	624-088F	O	O	CAPACITOR,DRAWING	PCX2 275V 0.1UF,M (PILKO)	
		C902	624-088F	O	O	CAPACITOR,DRAWING	PCX2 275V 0.1UF,M (PILKO)	
		C903	624-082C	O	O	CAPACITOR,AL.ELECTROLYTIC	100MF/400V SHL SMPS S/Y	
		C904	0CN223AK948	O	O	CAPACITOR,TUBULAR(HIGH DIELEC)	0.022UF 50V Z F TA26 S	
		C905	0CQ1031Y519	O	O	CAPACITOR,POLYESTER	0.01UF D 630V K PE NI TP	
		C906	624-087B	O	O	CAPACITOR	HIGH-VOL 100P/1KV SMPS SAMHWA	
		C909	0CQ4732K409	O	O	CAPACITOR,POLYESTER(MYLAR)	0.047UF S 50V J PE TP	
		C913	0CG3320U630		O	CAPACITOR,SEMI CERAMIC	3300 PF 400V M E R(NK,AD,SD)	
		C913	624-086E	O		CAPACITOR	AC-CON 472/400V(SC)	
		C914	624-086E	O		CAPACITOR	AC-CON 472/400V(SC)	
		C915	0CE2276D618	O	O	CAPACITOR,ELECTROLYTIC	220UF SMS 10V M FL TP5	
		C916	0CE108BF638	O	O	CAPACITOR,AL.ELECTROLYTIC	1000UF KME TYPE 16V M FM5 TP 5	
		C917	0CE4764K638	O	O	CAPACITOR,AL.ELECTROLYTIC	47M SRA 50V M FM5 TP(5)	
		C918	0CE1076F638	O	O	CAPACITOR,AL.ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	
		C919	624-085D	O	O	CAPACITOR	CE 47UF/50V KME (SMPS)	
		C921	624-085D	O	O	CAPACITOR	CE 47UF/50V KME (SMPS)	
		C923	0CE108BF638	O	O	CAPACITOR,AL.ELECTROLYTIC	1000UF KME TYPE 16V M FM5 TP 5	
		C924	0CE108BF638	O	O	CAPACITOR,AL.ELECTROLYTIC	1000UF KME TYPE 16V M FM5 TP 5	
		C925	0CE3376D638	O	O	CAPACITOR,ELECTROLYTIC	330UF SMS 10V M FM5 TP5	

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		C926	624-085D	O	O	CAPACITOR	CE 47UF/50V KME (SMPS)	
		C927	0CE4764K638	O	O	CAPACITOR,AL.ELECTROLYTIC	47M SRA 50V M FM5 TP(5)	
		C928	0CQ4732K409	O	O	CAPACITOR,POLYESTER(MYLAR)	0.047UF S 50V J PE TP	
		C929	0CE1076F638	O	O	CAPACITOR,AL.ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	
		C930	0CE4764K638	O	O	CAPACITOR,AL.ELECTROLYTIC	47M SRA 50V M FM5 TP(5)	
		C931	0CE4764K638	O	O	CAPACITOR,AL.ELECTROLYTIC	47M SRA 50V M FM5 TP(5)	
		C932	0CE1076F638	O	O	CAPACITOR,AL.ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	
		C933	0CE3376D638	O	O	CAPACITOR,ELECTROLYTIC	330UF SMS 10V M FM5 TP5	
		C934	0CE1076F638	O	O	CAPACITOR,AL.ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	
		C935	0CE1064H638	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 25V M FM5 TP(5)	
		C936	0CE1076F638	O	O	CAPACITOR,AL.ELECTROLYTIC	100M SMS 16V M FM5 TP(5)	
		C937	0CE228CF630	O	O	CAPACITOR,ELECTROLYTIC	2200U SHL 16V M FM5	
		C938	0CE1064H638	O	O	CAPACITOR,ELECTROLYTIC	10M SRA 25V M FM5 TP(5)	
			CONNECTOR					
		PN101	6630HXE232A	O	O	CONNECTOR (CIRC),FFC/FPC	52559-3292 MOLEX 32PIN 0.5MM S	
		PN105	6630R3S006A	O	O	CONNECTOR (CIRC)	GT200 LG CABLE 6PIN 2.0MM STRA	
		PN201	561-711L	O	O	CONNECTOR	*WAFER,G/S GIL-S-12P-S2T2-EF	
		PN201	6630R-FB02H	O	O	CONNECTOR (CIRC),FFC/FPC	04-6232-108-008-800 ELCO 8PIN	
		PN202	6630R-FB02K	O	O	CONNECTOR (CIRC),FFC/FPC	04-6232-111-008-800 ELCO 11PIN	
		PN203	561-711B	O	O	CONNECTOR	*WAFER,G/S GIL-S-02P-S2T2-EF	
		PN401	6630R-FB024	O	O	CONNECTOR (CIRC),FFC/FPC	04-6232-130-008-800 ELCO 30 PI	
		PN402	6630R-FB06Z	O	O	CONNECTOR (CIRC),FFC/FPC	04-6232-126-102-800 ELCO 26 PI	
		PN403	6630R3S006D	O	O	CONNECTOR (CIRC)	GT200 LG CABLE 8PIN 2.0MM STRA	
		PN501	6630R-FB02Q	O	O	CONNECTOR (CIRC),FFC/FPC	04-6232-117-008-800 ELCO 17PIN	
		PN502	561-711B	O	O	CONNECTOR	*WAFER,G/S GIL-S-02P-S2T2-EF	
		PN503	6630R-FB02D	O	O	CONNECTOR (CIRC),FFC/FPC	04-6232-104-008-800 ELCO 4PIN	
		PN504	6630R-FB02M	O	O	CONNECTOR (CIRC),FFC/FPC	04-6232-113-008-800 ELCO 13PIN	
		PN505	6630R3S006A	O	O	CONNECTOR (CIRC)	GT200 LG CABLE 6PIN 2.0MM STRA	
		PN506	6630R-FB02T	O	O	CONNECTOR (CIRC),FFC/FPC	04-6232-120-008-800 ELCO 20 PI	
		PN507	6630R3S006A	O	O	CONNECTOR (CIRC)	GT200 LG CABLE 6PIN 2.0MM STRA	
		PN508	6630R3S006A	O	O	CONNECTOR (CIRC)	GT200 LG CABLE 6PIN 2.0MM STRA	
		PN509	6630R3S006E	O	O	CONNECTOR (CIRC)	GT200 LG CABLE 9PIN 2MM STRAIG	
		PN511	6630R3S006F	O	O	CONNECTOR (CIRC)	GT200 LG CABLE 5PIN 2MM STRAIG	
		PN512	6630R-FB02Z	O	O	CONNECTOR (CIRC),FFC/FPC	04-6232-126-008-800 ELCO 26 PI	
		PN802	561-712C	O	O	CONNECTOR	*WAFER,G/S GIL-S-03P-S2L2-EF	
		PN8511	6631R-E015A	O	O	CONNECTOR ASSY	GIL-S/9073 5 PIN 180M/M UL1571	
		PN8802	563-602Z	O	O	CONNECTOR ASSY	GIL-S/GIL-T 3 PIN 40M/M UL1571	
		PW901	561-292B	O	O	CONNECTOR	GP390 LGC 3P 3.96 STRAIGHT SN	
		CN401	6630R-FB104	O	O	CONNECTOR (CIRC),FFC/FPC	00-6232-030-006-800 ELCO 30 PI	
		CN403	6631R-E009E	O	O	CONNECTOR ASSY	GIL-S08/9073ST 8 PIN 60M/M UL1	
		CN701	6631R-E009D	O	O	CONNECTOR ASSY	GIL-S/9073 12 PIN 100M/M UL106	
		CN801	6630S-BC02H	O	O	CONNECTOR (CIRC)	B TO B P=1.25 8 PIN, 53045-081	
		CN802	6630S-BC01H	O	O	CONNECTOR (CIRC)	B TO B P=1.25 8 PIN, 52061-081	
		CN803	6630R-FB10T	O	O	CONNECTOR (CIRC),FFC/FPC	00-6232-020-006-800 ELCO 20 PI	
		CN805	561-711F	O	O	CONNECTOR	*WAFER,G/S GIL-S-06P-S2T2-EF	
		CN805	6631R-E013B	O	O	CONNECTOR ASSY	GIL-S/9073 6 PIN 320M/M UL2547	
		CN807	6631R-E013A	O	O	CONNECTOR ASSY	GIL-S/9073 6 PIN 240M/M UL2547	
		CN901	563-602Y	O	O	CONNECTOR ASSY	GIL-S/GIL-T 9 PIN 90M/M 1571 A	
		CN904	563-602P	O	O	CONNECTOR ASSY	GIL-S/GIL-T 6PIN 60M/M UL1571	
			WAFER					
		CN8901	6602R-GV01C	O	O	WAFER	JE202-1T-03(3-2) JAE EUN P=3.9	
		PN901	6602R-GV01C	O	O	WAFER	JE202-1T-03(3-2) JAE EUN P=3.9	
			DIODE					
		D101	0DS121009AA	O	O	DIODE,SWITCHING	KDS121 TP KEC UMT 85V 300MA 2A	
		BD901	0DD160000DA	O	O	DIODE	S1WBA60(1A 600V) SHIDENKEN	
		D301	0DS121009AA	O	O	DIODE,SWITCHING	KDS121 TP KEC UMT 85V 300MA 2A	
		D302	0DD187009AC	O	O	DIODE	KDS187 CHIP KEC TP KEC	
		D504	0DS121009AA	O	O	DIODE,SWITCHING	KDS121 TP KEC UMT 85V 300MA 2A	
		D505	0DD187009AA	O	O	DIODE,DRAWING	DIODE CHIP KDS187-T1(D3) KEC	
		D801	0DD133009AA	O	O	DIODE,SWITCHING	1SS133 DETECT,SW TP	
		D901	0DD221009AA	O	O	DIODE	ERA22-10 KFLB,TP ,R T/P,FUJI	
		D902	0DD010009AC	O	O	DIODE	EU01W(R-FORM) TP SANKEN	
		D906	0DR310000AA	O	O	DIODE,RECTIFIER	RU3YXLF-C1 BK SANKEN D4 100V 2	
		D907	0DD010009AC	O	O	DIODE	EU01W(R-FORM) TP SANKEN	
		D908	0DD010009AC	O	O	DIODE	EU01W(R-FORM) TP SANKEN	
		D909	0DRSA00020A	O	O	DIODE,RECTIFIERS	FMB-G24H LF651 SANKEN BK NON	
		D910	0DD010009AC	O	O	DIODE	EU01W(R-FORM) TP SANKEN	
		D911	0DR104009AB	O	O	DIODE,RECTIFIER	RL104 R. TP GULF SEMICONDUCTOR	
		D920	0DD010009AC	O	O	DIODE	EU01W(R-FORM) TP SANKEN	
			FUSE,HOLDER,DIGITRON					
		F901	585-011T		O	FUSE,SLOW BLOW	1600MA 250 V 5.2X20 CY/GL SEMK	
		F901	585-027B	O		FUSE,SLOW BLOW	1600MA 250 V 5.2X20 CY/GL KS /	
		FH01	586-008B	O	O	HOLDER	FUSE CLIP TP SINSUNG	

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		FH02	586-008B	O	O	HOLDER	FUSE CLIP TP SINSUNG	
		FLD801	6302R-V108A	O	O	DIGITRON	16-BT-83GNK FUTABA UNIVERSAL A	
			IC,SENSOR					
		IC101	0IJR341400E	O	O	IC,JRC	NJN3414V SIP-8 TP DUAL OP AMP	
		IC102	0IJR340400B	O	O	IC,JRC	NJM3404AV SIP-8 TP SINGLE-SUPP	
		IC103	0ILNRKA001A	O	O	IC,LINEAR	KM4200IC8-TR3 KOTA 8P SOIC R/T	
		IC104	0IJR340300A	O	O	IC,JRC	NJM3403AV-TE1 OP AMP	
		IC105	0IJR290300D	O	O	IC,JRC	NJM2903V-TE1 8P SSOP TP COMPAR	
		IC106	0INS766500A	O	O	IC,NATIONAL SEMICONDUCTOR	NC7SZ66M5X SOT23 TP SINGLE BIL	
		IC107	0ITO708000D	O	O	IC,TOSHIBA	TC7W08FUDUAL 2 INPUT AND GATE	
		IC108	GISO255100A	O	O	IC,SONY	CXA2551R 100PIN LQFP TP RF AMP	
		IC109	0INS766500A	O	O	IC,NATIONAL SEMICONDUCTOR	NC7SZ66M5X SOT23 TP SINGLE BIL	
		IC110	0IMI623520A	O	O	IC,MITSUBISHI	M62352GP 20P SSOP TP 12CH D/A	
		IC201	0IRH592500A	O	O	IC,ROHM	BA5925FV SSOP-B28 TP SLED	
		IC202	0IRH666400A	O	O	IC,ROHM	BA6664FM HSOP28 TP NOTOR DRIVE	
		IC203	0IRH598300A	O	O	IC,ROHM	BA5983FM HSOP28 TP DRIVE METAL	
		IC204	0IJR780800C	O	O	IC,JRC	NJM7808DLA 3 TP REGULATOR	
		IC205	0IJR780800C	O	O	IC,JRC	NJM7808DLA 3 TP REGULATOR	
		IC206	0IRH405300A	O	O	IC,ROHM	BU4053BCFV 16P,SSOP TP TRIPLE	
		IC207	0IJR340400B	O	O	IC,JRC	NJM3404AV SIP-8 TP SINGLE-SUPP	
		IC210	0IJR341400E	O	O	IC,JRC	NJN3414V SIP-8 TP DUAL OP AMP	
		IC301	0IOA979000A	O	O	IC,OAK TECHNOLOGY	OTI-9790 CD-R/RW CONTROLLER TP	
		IC302	0IGS711816P	O	O	IC,LG SEMICONDUCTOR	GM71C18163C TSOP2 TP 5V 60N 1M	
		IC304	0IRH033000A	O	O	IC,ROHM	BA033SFP P/MOLD-5 TP REGULATOR	
		IC305	0IRH393900A	O	O	IC,ROHM	BA3939FP-E2	
		IC310	0ICP010000A	O	O	IC,CROSS SNT	CST0100C 44QFP BK ASIC	
		IC320	0IMCRHI001A	O	O	IC,MICRO CONTROLLER	HD64F3064FBL20 HITACHI 100,QFP	
		IC321	0IFA938680A	O	O	IC,FAIRCHILD	FM93C86AM8X 8P SOP TP EEPROM 1	
		IC322	0IFA745740B	O	O	IC,FAIRCHILD	74VHC574MTCX 20P TSSOP TP D-TY	
		IC323	0IFA745740B	O	O	IC,FAIRCHILD	74VHC574MTCX 20P TSSOP TP D-TY	
		IC324	0IFA741380E	O	O	IC,FAIRCHILD	74VHC138MTCX 16P TSSOP R/TP 3	
		IC325	0IRH405200C	O	O	IC,ROHM	BU4052BCFV SSOP-B16 TP DUAL 4C	
		IC326	0ITR613002E	O	O	IC,TOREX SEMICONDUCTOR	XC61CN3002PR 3P SOT-89 TP VOL	
		IC401	0ISTLXL001A	O	O	IC,STANDARD LOGIC	XCS30XL-TQ144 XILINX 144 QFP B	
		IC402	0IWI242573A	O	O	IC,WINBOND	W24257AS-35 (TAPE&REEL) 1K/TP	
		IC405	0INS704500C	O	O	IC,NATIONAL SEMICONDUCTOR	NC7SZ04M5X 5P SOT23-5 TP INVER	
		IC406	0IRH405300A	O	O	IC,ROHM	BU4053BCFV 16P,SSOP TP TRIPLE	
		IC407	0ICB493302A	O	O	IC,CRYSTAL SEMICONDUCTOR	CS493302-CLR 44 PLCC R/TP MP3	
		IC409	0IFA745740B	O	O	IC,FAIRCHILD	74VHC574MTCX 20P TSSOP TP D-TY	
		IC410	0IFA745740B	O	O	IC,FAIRCHILD	74VHC574MTCX 20P TSSOP TP D-TY	
		IC411	0IFA111725A	O	O	IC,FAIRCHILD	RC1117ST-2.5 SOT-263 TP 2.5V R	
		IC412	0ICB842000B	O	O	IC,CRYSTAL SEMICONDUCTOR	CS8420-CSR(REV D)28L SOIC TP D	
		IC413	0IAL270101E	O	O	IC,ATMEL	AT27LV010A-12TC 32P TSOP BK 1M	
		IC414	0IRH033000A	O	O	IC,ROHM	BA033SFP P/MOLD-5 TP REGULATOR	
		IC501	0ISO258100A	O	O	IC,SONY	CXA2581N 30PIN TP RFIC	
		IC502	GISO303000E	O	O	IC,SONY	CXD 3030R H-VCO 144LQFP BK 48X	
		IC503	0IHI643062B	O	O	IC,HITACHI	HD64F3062AFBL FP-100B TP MICOM	
		IC504	0IJR210000B	O	O	IC,JRC	NJM2100V DUAL OP AMP,JRC	
		IC505	0IMI630210A	O	O	IC,MITSUBISHI	M63021FP 42P9R TP DRIVE	
		IC506	0ITR613002E	O	O	IC,TOREX SEMICONDUCTOR	XC61CN3002PR 3P SOT-89 TP VOL	
		IC507	0ISTLXL002A	O	O	IC,STANDARD LOGIC	XCS10XL-TQ144 XILINX 144 QFP B	
		IC508	DITO453000C	O	O	IC,TOSHIBA	TC4W53FU SSOP 8PIN	
		IC509	0IRH405300A	O	O	IC,ROHM	BU4053BCFV 16P,SSOP TP TRIPLE	
		IC510	0IPH740400F	O	O	IC,PHILIPS	74HCU04D SOT108-1 TP INVERTER	
		IC511	0IRI527000A	O	O	IC,RICOH	RN5RZ27BA-TR SOT-23-5 TP REGUL	
		IC512	0IRH033000A	O	O	IC,ROHM	BA033SFP P/MOLD-5 TP REGULATOR	
		IC701	0IAK535120A	O	O	IC,AKM	AK5351VF-E2 24SOP TP ADC 1K RE	
		IC702	0IJR456500A	O	O	IC, JRC(JAPAN RADIO CORP.)	NJM4565M-A,OP-AMP,JRC	
		IC703	0IJR456500A	O	O	IC, JRC(JAPAN RADIO CORP.)	NJM4565M-A,OP-AMP,JRC	
		IC704	0IAK439320A	O	O	IC,AKM	AK4393VF-E2 28SOP TP DAC 1K RE	
		IC705	0IJR553200A	O	O	IC,JRC(JAPAN RADIO CORP.)	NJM5532 OP AMP JRC	
		IC706	0IAK439320A	O	O	IC,AKM	AK4393VF-E2 28SOP TP DAC 1K RE	
		IC707	0IJR553200A	O	O	IC,JRC(JAPAN RADIO CORP.)	NJM5532 OP AMP JRC	
		IC708	0ILNRJR002A	O	O	IC,LINEAR	NJM4556AM JRC 8PIN SOP R/TP DU	
		IC709	0IPH740400F	O	O	IC,PHILIPS	74HCU04D SOT108-1 TP INVERTER	
		IC710	0IPH740400F	O	O	IC,PHILIPS	74HCU04D SOT108-1 TP INVERTER	
		IC711	657-063A	O	O	SENSOR	LTV-817B,PHOTO COUPLER(LITEON)	
		IC801	0IMCRNE002A	O	O	IC,MICRO CONTROLLER	UPD780232GC-026 NEC 80 QFP TRA	
		IC802	0IKE704200B	O	O	IC,KEC	KIA7042P 3P 4.2V RESET(TAPING)	
		IC901	0ISK615300A	O	O	IC,SANKEN	STR-G6153T 5PIN FM CUT BK PWM	
		IC902	657-063A	O	O	SENSOR	LTV-817B,PHOTO COUPLER(LITEON)	
		IC904	0ISS431000A	O	O	IC,SAMSUNG ELECTRONICS	KA431AZ (LM431AZ)	
		IC905	0ISS781200E	O	O	IC,SAMSUNG SEMICONDUCTOR	KA78R12 TO-220 LD 1A REGL	
		IC906	0ISS791200A	O	O	IC,SAMSUNG SEMICONDUCTOR	KA7912 ST REGULATOR IC	

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		IC907	0IKE781200B	O	O	IC,KEC	KIA7812PI 12V 1A,KEC	
			JACK,SOCKET					
		JK701	6612R-L002A	O	O	JACK,FIBER OPTIC	TORX178 TOSHIBA . .	
		JK702	6620S-L001A	O	O	SOCKET (CIRC),FIBER OPTIC	GP1F32T SHARP OPTICAL "H"	
		JK703	6620S-L001A	O	O	SOCKET (CIRC),FIBER OPTIC	GP1F32T SHARP OPTICAL "H"	
		JK704	6612S-A005A	O	O	JACK,HEADPHONE	LGA6502-0150 SMK 2YEON .	
		JK705	6612S-C008A	O	O	JACK,RCA	PJ6031 PARK ELEC 12YEON ACDR	
		JK801	6612R-C013A	O	O	JACK,RCA	RCA-104 YUQIU (1P) ORANGE	
		JK802	572-359J	O	O	JACK 6.4	SOQ4694-01-4101 K-HOSIDEN H=6.	
		JK803	6612R-L005A	O	O	JACK,FIBER OPTIC	GP1FH500RZ SHARP .	
			COIL,FILTER					
		BC901	636-004C	O	O	COIL	BEAD CORE BFS3550R2FD8,R T/P	
		L101	6140H-B003G	O	O	COIL	NLC322522T-100K 10MH TDK	
		L102	6140H-B003G	O	O	COIL	NLC322522T-100K 10MH TDK	
		L103	6140H-B003G	O	O	COIL	NLC322522T-100K 10MH TDK	
		L301	6140H-B003G	O	O	COIL	NLC322522T-100K 10MH TDK	
		L302	6140H-B003G	O	O	COIL	NLC322522T-100K 10MH TDK	
		L401	6140H-B003G	O	O	COIL	NLC322522T-100K 10MH TDK	
		L402	6140H-B003G	O	O	COIL	NLC322522T-100K 10MH TDK	
		L403	6140H-B003G	O	O	COIL	NLC322522T-100K 10MH TDK	
		L463	6140H-A001A	O	O	FILTER(CIRC),EMI	BEAD C,HH-1H4532-121JT.CERATEH	
		L464	6140H-A001A	O	O	FILTER(CIRC),EMI	BEAD C,HH-1H4532-121JT.CERATEH	
		L501	6140H-B003G	O	O	COIL	NLC322522T-100K 10MH TDK	
		L502	6140H-B003G	O	O	COIL	NLC322522T-100K 10MH TDK	
		L503	6140H-B003G	O	O	COIL	NLC322522T-100K 10MH TDK	
		L504	6140H-B003G	O	O	COIL	NLC322522T-100K 10MH TDK	
		L505	6140H-B003G	O	O	COIL	NLC322522T-100K 10MH TDK	
		L506	6140H-B003G	O	O	COIL	NLC322522T-100K 10MH TDK	
		L507	6140H-B003G	O	O	COIL	NLC322522T-100K 10MH TDK	
		L508	6140H-B003G	O	O	COIL	NLC322522T-100K 10MH TDK	
		L509	6140H-B003G	O	O	COIL	NLC322522T-100K 10MH TDK	
		L510	6140H-A001A	O	O	FILTER(CIRC),EMI	BEAD C,HH-1H4532-121JT.CERATEH	
		L511	6140H-A001A	O	O	FILTER(CIRC),EMI	BEAD C,HH-1H4532-121JT.CERATEH	
		L701	6200S-JC01A	O	O	FILTER(CIRC),EMI	HB-1M2012-121JT CERATECH SMD T	
		L702	6200S-JC01A	O	O	FILTER(CIRC),EMI	HB-1M2012-121JT CERATECH SMD T	
		L901	616-145M	O	O	FILTER(CIRC)	V-04350 LS FUTAI BULK =616-145	
		L903	633-088D	O	O	COIL,CHOKE	CHOCK ,20UH,LEAD CUT	
		L904	633-088D	O	O	COIL,CHOKE	CHOCK ,20UH,LEAD CUT	
		L905	633-088G	O	O	COIL,CHOKE	CHOCK(22MH) TP 5MM	
		L908	633-088G	O	O	COIL,CHOKE	CHOCK(22MH) TP 5MM	
		L909	633-088G	O	O	COIL,CHOKE	CHOCK(22MH) TP 5MM	
		L910	633-088G	O	O	COIL,CHOKE	CHOCK(22MH) TP 5MM	
		T701	6140R-C001C	O	O	COIL,CHOKE	75D-413 KWANGSUNG 100UH BULK	
		T702	6140R-C001C	O	O	COIL,CHOKE	75D-413 KWANGSUNG 100UH BULK	
			LED					
		LD802	0DL341829AA	O	O	LED	SM3418F2T TP AUK GREEN .	
		LD803	0DL341829AA	O	O	LED	SM3418F2T TP AUK GREEN .	
		LD804	0DL341829AA	O	O	LED	SM3418F2T TP AUK GREEN .	
		LD805	0DL341829AA	O	O	LED	SM3418F2T TP AUK GREEN .	
		LD806	0DL341829AA	O	O	LED	SM3418F2T TP AUK GREEN .	
		LD807	0DL341829AA	O	O	LED	SM3418F2T TP AUK GREEN .	
		LD808	0DL341829AA	O	O	LED	SM3418F2T TP AUK GREEN .	
		LD809	0DL341829AA	O	O	LED	SM3418F2T TP AUK GREEN .	
		LD810	0DL341829AA	O	O	LED	SM3418F2T TP AUK GREEN .	
		LD811	0DL341829AA	O	O	LED	SM3418F2T TP AUK GREEN .	
		LD812	0DL341829AA	O	O	LED	SM3418F2T TP AUK GREEN .	
		LD813	0DL341829AA	O	O	LED	SM3418F2T TP AUK GREEN .	
		LD814	0DL341829AA	O	O	LED	SM3418F2T TP AUK GREEN .	
		LD815	0DL341829AA	O	O	LED	SM3418F2T TP AUK GREEN .	
		LD816	0DL341829AA	O	O	LED	SM3418F2T TP AUK GREEN .	
		LD817	0DL341829AA	O	O	LED	SM3418F2T TP AUK GREEN .	
		LD818	0DL341829AA	O	O	LED	SM3418F2T TP AUK GREEN .	
		LD819	0DL341829AA	O	O	LED	SM3418F2T TP AUK GREEN .	
		LD820	0DL341829AA	O	O	LED	SM3418F2T TP AUK GREEN .	
		LED801	0DL325319AA	O	O	LED	SPR325MVWT31 TP ROHM GREEN/RED	
		LED802	0DL325319AA	O	O	LED	SPR325MVWT31 TP ROHM GREEN/RED	
			RELAY					
		LY701	6920R-B202A	O	O	RELAY	HRS2H-S-DC5V NINGBO HUIGANG EL	
			TRANSISTOR					
		Q101	0TR144009AH	O	O	TRANSISTOR	DTC144EK CHIP ROHM-J	
		Q102	0TR144009AH	O	O	TRANSISTOR	DTC144EK CHIP ROHM-J	
		Q103	0TR144009AH	O	O	TRANSISTOR	DTC144EK CHIP ROHM-J	
		Q104	0TR144009AH	O	O	TRANSISTOR	DTC144EK CHIP ROHM-J	

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		Q105	0TR144009AH	O	O	TRANSISTOR	DTC144EK CHIP ROHM-J	
		Q501	0TR103709BB	O	O	TRANSISTOR	2SA1037K-Q CHIP ROHM-J	
		Q502	0TR130409BA	O	O	TRANSISTOR	KTD1304S TP KEC SOT-23 MUTING	
		Q503	0TR144009AH	O	O	TRANSISTOR	DTC144EK CHIP ROHM-J	
		Q505	0TR130409BA	O	O	TRANSISTOR	KTD1304S TP KEC SOT-23 MUTING	
		Q506	0TR130409BA	O	O	TRANSISTOR	KTD1304S TP KEC SOT-23 MUTING	
		Q730	0TR319809AC	O	O	TRANSISTOR	KTC3198-TP-BL (KTC1815)KEC	
		Q731	0TR103009AF	O	O	TRANSISTOR	KRA103M-TP (KRA2203) KEC	
		Q750	0TR130209AA	O	O	TRANSISTOR	KTD1302 MUTING TP KEC TO92	
		Q751	0TR130209AA	O	O	TRANSISTOR	KTD1302 MUTING TP KEC TO92	
		Q752	0TR130209AA	O	O	TRANSISTOR	KTD1302 MUTING TP KEC TO92	
		Q753	0TR130209AA	O	O	TRANSISTOR	KTD1302 MUTING TP KEC TO92	
		Q754	0TR319809AC	O	O	TRANSISTOR	KTC3198-TP-BL (KTC1815)KEC	
		Q755	0TR130209AA	O	O	TRANSISTOR	KTD1302 MUTING TP KEC TO92	
		Q756	0TR103009AF	O	O	TRANSISTOR	KRA103M-TP (KRA2203) KEC	
		Q760	0TR103009AF	O	O	TRANSISTOR	KRA103M-TP (KRA2203) KEC	
		Q770	0TR319809AC	O	O	TRANSISTOR	KTC3198-TP-BL (KTC1815)KEC	
		Q901	0TR319809AC	O	O	TRANSISTOR	KTC3198-TP-BL (KTC1815)KEC	
		Q902	0TR115100AA	O	O	TRANSISTOR	KSB1151-Y BK SAMSUNG TO-126	
		Q904	0TR102009AE	O	O	TRANSISTOR	KRA102M (KRA2202) TP KEC TO	
		Q907	0TR115100AA	O	O	TRANSISTOR	KSB1151-Y BK SAMSUNG TO-126	
		Q908	0TR319809AC	O	O	TRANSISTOR	KTC3198-TP-BL (KTC1815)KEC	
		Q910	0TR130209AA	O	O	TRANSISTOR	KTD1302 MUTING TP KEC TO92	
		Q911	0TR130209AA	O	O	TRANSISTOR	KTD1302 MUTING TP KEC TO92	
			TRANSISTOR					
		R102	0RH6800C622	O	O	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R104	0RH6800C622	O	O	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R105	0RH4702C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R106	0RH1201C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R107	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R108	0RH4700C622	O	O	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R109	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R110	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R111	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R112	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R113	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R114	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R115	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R116	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R117	0RH1801C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R118	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R119	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R120	0RH1801C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1.8K OHM 1 / 16 W 1608 5.00% D	
		R121	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R122	0RH2201C622	O	O	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R123	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R124	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R126	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R127	0RH4702C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R128	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R129	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R130	0RH3302C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R131	0RH3302C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R132	0RH3302C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R133	0RH1502C622	O	O	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R134	0RH1501C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1.5K OHM 1 / 16 W 1608 5.00% D	
		R135	0RH4702C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R136	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R137	0RH4702C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R138	0RH4702C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R139	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R140	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R141	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R142	0RH1502C622	O	O	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R143	0RH1004C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R144	0RH2202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R145	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R146	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R147	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R148	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R149	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R150	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R151	0RH3300C622	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R152	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		R153	0RH6802C622	O	O	RESISTOR,METAL GLAZED(CHIP)	68K OHM 1 / 16 W 1608 5.00% D	
		R154	0RH6802C622	O	O	RESISTOR,METAL GLAZED(CHIP)	68K OHM 1 / 16 W 1608 5.00% D	
		R155	0RH1004C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R156	0RH3303C622	O	O	RESISTOR,METAL GLAZED(CHIP)	330K OHM 1 / 16 W 1608 5.00% D	
		R157	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R158	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R159	0RH2702C622	O	O	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R160	0RH2702C622	O	O	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R161	0RH6800C622	O	O	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R162	0RH6800C622	O	O	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R163	0RH6800C622	O	O	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R164	0RH6800C622	O	O	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R165	0RH6800C622	O	O	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R166	0RH2202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R167	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R168	0RH4700C622	O	O	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R169	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R171	0RH8202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	82K OHM 1 / 16 W 1608 5.00% D	
		R172	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R173	0RH2202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R174	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R181	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R202	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R203	0RH1003C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R204	0RH1003C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R205	0RH3902C622	O	O	RESISTOR,METAL GLAZED(CHIP)	39K OHM 1 / 16 W 1608 5.00% D	
		R206	0RH3303C622	O	O	RESISTOR,METAL GLAZED(CHIP)	330K OHM 1 / 16 W 1608 5.00% D	
		R207	0RH3902C622	O	O	RESISTOR,METAL GLAZED(CHIP)	39K OHM 1 / 16 W 1608 5.00% D	
		R208	0RH4703C622	O	O	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R209	0RH8202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	82K OHM 1 / 16 W 1608 5.00% D	
		R210	0RH6801C622	O	O	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R211	0RH2201C622	O	O	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R212	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R216	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R217	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R218	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R219	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R220	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R221	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R226	0RH0181D622	O	O	RESISTOR,METAL GLAZED(CHIP)	1.8 OHM 1 / 10 W 2012 5.00% D	
		R227	0RH0181D622	O	O	RESISTOR,METAL GLAZED(CHIP)	1.8 OHM 1 / 10 W 2012 5.00% D	
		R229	0RH6802C622	O	O	RESISTOR,METAL GLAZED(CHIP)	68K OHM 1 / 16 W 1608 5.00% D	
		R230	0RH1003C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R231	0RH2703C622	O	O	RESISTOR,METAL GLAZED(CHIP)	270K OHM 1 / 16 W 1608 5.00% D	
		R232	0RH1803C622	O	O	RESISTOR,METAL GLAZED(CHIP)	180K OHM 1 / 16 W 1608 5.00% D	
		R233	0RH1003C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R234	0RH4702C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R236	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R237	0RH2202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R238	0RH2702C622	O	O	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R239	0RH2202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R240	0RH2202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R241	0RH2202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R242	0RH2702C622	O	O	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R244	0RH4703C622	O	O	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R245	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R246	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R247	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R248	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R249	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R250	0RH6801C622	O	O	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R251	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R252	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R255	0RH5601C622	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6K OHM 1 / 16 W 1608 5.00% D	
		R256	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R260	0RH4700C622	O	O	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R261	0RH4700C622	O	O	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R262	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R263	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R280	0RH1502C622	O	O	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R281	0RH4702C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R282	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R283	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R284	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R285	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		R286	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R287	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R296	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R297	0RH4700C622	O	O	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R299	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R302	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R303	0RH5604C622	O	O	RESISTOR,METAL GLAZED(CHIP)	5.6M OHM 1 / 16 W 1608 5.00% D	
		R304	0RH1502C622	O	O	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R305	0RH1800C622	O	O	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	
		R306	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R307	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R308	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R309	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R310	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R311	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R312	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R313	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R314	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R315	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R316	0RH3302C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R318	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R320	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R330	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R331	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R332	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R333	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R334	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R335	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R336	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R337	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R338	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R339	0RH3300C622	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R340	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R341	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R342	0RH3300C622	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R343	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R345	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R346	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R349	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R350	0RH4703C622	O	O	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R351	0RH1500C622	O	O	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R352	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R353	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R354	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R355	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R356	0RH0472C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R357	0RH0472C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R358	0RH0472C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R359	0RH0472C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R360	0RH0472C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R361	0RH0472C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R362	0RH0472C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R363	0RH0472C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R364	0RH0472C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R365	0RH0472C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R366	0RH0472C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R367	0RH0472C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R368	0RH0472C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R376	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R377	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R378	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R379	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R380	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R381	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R382	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R383	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R384	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R385	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R387	0RH2702C622	O	O	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R388	0RH8202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	82K OHM 1 / 16 W 1608 5.00% D	
		R389	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R392	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R393	0RH0472C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R394	0RH0472C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R401	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		R402	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R403	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R405	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R406	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R407	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R408	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R409	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R414	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R433	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R434	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R435	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R436	0RH6800C622	O	O	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R437	0RH1800C622	O	O	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	
		R438	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R439	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R440	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R441	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R442	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R443	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R444	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R445	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R446	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R447	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R448	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R449	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R450	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R451	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R452	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R453	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R454	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R455	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R456	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R457	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R458	0RH0332C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R459	0RH0332C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R460	0RH0332C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R461	0RH0332C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R462	0RH0332C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R463	0RH0332C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R464	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R465	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R466	0RH3302C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R467	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R468	0RH4703C622	O	O	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R469	0RH4703C622	O	O	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R470	0RH0332C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R471	0RH0332C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R472	0RH0332C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R473	0RH0332C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R474	0RH0332C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R475	0RH0332C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R476	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R477	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R478	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R479	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R480	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R481	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R482	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R483	0RH4702C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R484	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R485	0RH3300C622	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R486	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R487	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R488	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R489	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R490	0RH5101C422	O	O	RESISTOR,METAL GLAZED(CHIP)	5.1K OHM 1 / 16 W 1608 1.00% D	
		R493	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R494	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R495	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R496	0RH3300C622	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R497	0RH3300C622	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R498	0RH3300C622	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R499	0RH3300C622	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R501	0RH0682C622	O	O	RESISTOR,METAL GLAZED(CHIP)	68 OHM 1 / 16 W 1608 5.00% D	
		R501	0RH6800C622	O	O	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		R502	0RH0682C622	O	O	RESISTOR,METAL GLAZED(CHIP)	68 OHM 1 / 16 W 1608 5.00% D	
		R502	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R503	0RH0222C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R504	0RH1202C422	O	O	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 1.00% D	
		R505	0RH1202C422	O	O	RESISTOR,METAL GLAZED(CHIP)	12K OHM 1 / 16 W 1608 1.00% D	
		R506	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R507	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R508	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R510	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R511	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R512	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R513	0RH6802C622	O	O	RESISTOR,METAL GLAZED(CHIP)	68K OHM 1 / 16 W 1608 5.00% D	
		R514	0RH4700C622	O	O	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R515	0RH1803C622	O	O	RESISTOR,METAL GLAZED(CHIP)	180K OHM 1 / 16 W 1608 5.00% D	
		R516	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R517	0RH2201C622	O	O	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R518	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R519	0RH8202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	82K OHM 1 / 16 W 1608 5.00% D	
		R522	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R523	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R524	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R525	0RH6801C622	O	O	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R526	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R527	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R528	0RH3303C622	O	O	RESISTOR,METAL GLAZED(CHIP)	330K OHM 1 / 16 W 1608 5.00% D	
		R529	0RH3302C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R530	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R531	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R532	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R534	0RH3302C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R535	0RH1003C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R536	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R537	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R538	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R539	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R540	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R541	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R542	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R543	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R544	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R546	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R547	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R548	0RH1003C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R549	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R550	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R551	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R552	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R553	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R554	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R555	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R556	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R557	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R558	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R559	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R560	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R561	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R562	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R563	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R564	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R565	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R566	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R567	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R568	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R569	0RH2202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R570	0RH4703C622	O	O	RESISTOR,METAL GLAZED(CHIP)	470K OHM 1 / 16 W 1608 5.00% D	
		R571	0RH1500C622	O	O	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R572	0RH2202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R573	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R574	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R575	0RH8201C622	O	O	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R576	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R577	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R578	0RH8201C622	O	O	RESISTOR,METAL GLAZED(CHIP)	8.2K OHM 1 / 16 W 1608 5.00% D	
		R579	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R580	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		R581	0RH1502C622	O	O	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R582	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R583	0RH1502C622	O	O	RESISTOR,METAL GLAZED(CHIP)	15K OHM 1 / 16 W 1608 5.00% D	
		R584	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R585	0RH0221D622	O	O	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 10 W 2012 5.00% D	
		R586	0RH0221D622	O	O	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 10 W 2012 5.00% D	
		R587	0RH0221D622	O	O	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 10 W 2012 5.00% D	
		R588	0RH0221D622	O	O	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 10 W 2012 5.00% D	
		R589	0RH0221D622	O	O	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 10 W 2012 5.00% D	
		R590	0RH0221D622	O	O	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 10 W 2012 5.00% D	
		R591	0RH0221D622	O	O	RESISTOR,METAL GLAZED(CHIP)	2.2 OHM 1 / 10 W 2012 5.00% D	
		R592	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R593	0RH2202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R594	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R595	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R596	0RH1802C622	O	O	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R597	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R598	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R599	0RH2202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R5A1	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R5A2	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R5A3	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R5A5	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R5A6	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R5A7	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R600	0RH1004C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	
		R601	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R602	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R603	0RH2702C622	O	O	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R604	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R605	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R606	0RH1003C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R607	0RH2201C622	O	O	RESISTOR,METAL GLAZED(CHIP)	2.2K OHM 1 / 16 W 1608 5.00% D	
		R608	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R609	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R610	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R611	0RH4700C622	O	O	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R612	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R613	0RH4700C622	O	O	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R614	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R615	0RH6800C622	O	O	RESISTOR,METAL GLAZED(CHIP)	680 OHM 1 / 16 W 1608 5.00% D	
		R616	0RH3300C622	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R618	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R622	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R623	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R624	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R625	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R626	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R627	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R628	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R629	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R630	0RH6802C622	O	O	RESISTOR,METAL GLAZED(CHIP)	68K OHM 1 / 16 W 1608 5.00% D	
		R631	0RH1003C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R632	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R633	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R634	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R635	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R636	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R637	0RH2702C622	O	O	RESISTOR,METAL GLAZED(CHIP)	27K OHM 1 / 16 W 1608 5.00% D	
		R638	0RH8202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	82K OHM 1 / 16 W 1608 5.00% D	
		R639	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R648	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R649	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R650	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R651	0RH1800C622	O	O	RESISTOR,METAL GLAZED(CHIP)	180 OHM 1 / 16 W 1608 5.00% D	
		R652	0RH0822C622	O	O	RESISTOR,METAL GLAZED(CHIP)	82 OHM 1 / 16 W 1608 5.00% D	
		R653	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R654	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R655	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R656	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R657	0RH0682C622	O	O	RESISTOR,METAL GLAZED(CHIP)	68 OHM 1 / 16 W 1608 5.00% D	
		R659	0RH0222C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R660	0RH0222C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R661	0RH0332C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R662	0RH0332C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		R663	0RH0332C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R664	0RH0332C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33 OHM 1 / 16 W 1608 5.00% D	
		R665	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R666	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R667	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R668	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R669	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R670	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R671	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R672	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R681	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R691	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R692	0RH2202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R693	0RH3302C622	O	O	RESISTOR,METAL GLAZED(CHIP)	33K OHM 1 / 16 W 1608 5.00% D	
		R694	0RH1003C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R695	0RH6801C622	O	O	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R696	0RH6801C622	O	O	RESISTOR,METAL GLAZED(CHIP)	6.8K OHM 1 / 16 W 1608 5.00% D	
		R697	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R700	0RH3300C622	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R701	0RH3300C622	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R702	0RH3300C622	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R703	0RH3300C622	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R704	0RH2202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R705	0RH2202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R706	0RH4700C622	O	O	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R707	0RH0472C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R708	0RH0472C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R709	0RH0472C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R710	0RH4702C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R711	0RH4702C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R712	0RH4702C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R713	0RH4702C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R714	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R715	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R716	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R717	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R718	0RH2701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	2.7K OHM 1 / 16 W 1608 5.00% D	
		R719	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R720	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R721	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R722	0RH2701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	2.7K OHM 1 / 16 W 1608 5.00% D	
		R723	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R724	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R725	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R726	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R727	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R728	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R729	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R730	0RH1201C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R731	0RH1201C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R732	0RH1201C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R733	0RH1201C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R734	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R735	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R736	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R737	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R738	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R739	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R740	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R741	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R742	0RH2202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R743	0RH2202C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22K OHM 1 / 16 W 1608 5.00% D	
		R744	0RH4700C622	O	O	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R745	0RH4700C622	O	O	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R746	0RH1001D622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 10 W 2012 5.00% D	
		R747	0RH1001D622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 10 W 2012 5.00% D	
		R748	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R749	0RH3901C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R750	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R751	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R752	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R753	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R754	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R755	0RH1201C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R756	0RH1201C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		R757	0RH1201C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R758	0RH1201C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1.2K OHM 1 / 16 W 1608 5.00% D	
		R759	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R760	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R761	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R762	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R763	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R764	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R765	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R766	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R767	0RH4700C622	O	O	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R768	0RH4700C622	O	O	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R769	0RH1001D622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 10 W 2012 5.00% D	
		R770	0RH1001D622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 10 W 2012 5.00% D	
		R7701	0RH0222C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R7702	0RH0222C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R7704	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R7705	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R7706	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R7707	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R7708	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R7709	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R771	0RH1802C622	O	O	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R7710	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R7711	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R7712	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R7713	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R7714	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R7715	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R7716	0RH3300C622	O	O	RESISTOR,METAL GLAZED(CHIP)	330 OHM 1 / 16 W 1608 5.00% D	
		R7718	0RH4700C622	O	O	RESISTOR,METAL GLAZED(CHIP)	470 OHM 1 / 16 W 1608 5.00% D	
		R7719	0RH3901C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R772	0RH7501C622	O	O	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R7720	0RH0472C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47 OHM 1 / 16 W 1608 5.00% D	
		R7721	0RH4702C622	O	O	RESISTOR,METAL GLAZED(CHIP)	47K OHM 1 / 16 W 1608 5.00% D	
		R7722	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R7723	0RH3901C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.9K OHM 1 / 16 W 1608 5.00% D	
		R7724	0RH1001C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1K OHM 1 / 16 W 1608 5.00% D	
		R7725	0RH2701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	2.7K OHM 1 / 16 W 1608 5.00% D	
		R7726	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R7727	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R7728	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R7729	0RH4701C622	O	O	RESISTOR,METAL GLAZED(CHIP)	4.7K OHM 1 / 16 W 1608 5.00% D	
		R773	0RH0222C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R7730	0RH1802C622	O	O	RESISTOR,METAL GLAZED(CHIP)	18K OHM 1 / 16 W 1608 5.00% D	
		R7731	0RH7501C622	O	O	RESISTOR,METAL GLAZED(CHIP)	7.5K OHM 1 / 16 W 1608 5.00% D	
		R7732	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R7733	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R7734	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R7735	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R7736	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R7737	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R7738	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R774	0RH5600C622	O	O	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		R775	0RH1003C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R776	0RH0222C622	O	O	RESISTOR,METAL GLAZED(CHIP)	22 OHM 1 / 16 W 1608 5.00% D	
		R778	0RH1003C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100K OHM 1 / 16 W 1608 5.00% D	
		R779	0RH5600C622	O	O	RESISTOR,METAL GLAZED(CHIP)	560 OHM 1 / 16 W 1608 5.00% D	
		R780	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R781	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R782	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R783	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R784	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R785	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R786	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R787	0RH2200C622	O	O	RESISTOR,METAL GLAZED(CHIP)	220 OHM 1 / 16 W 1608 5.00% D	
		R788	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R789	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R790	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R791	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R792	0RH1000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	100 OHM 1 / 16 W 1608 5.00% D	
		R793	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R794	0RH1500C622	O	O	RESISTOR,METAL GLAZED(CHIP)	150 OHM 1 / 16 W 1608 5.00% D	
		R795	0RH1002C622	O	O	RESISTOR,METAL GLAZED(CHIP)	10K OHM 1 / 16 W 1608 5.00% D	
		R796	0RH1004C622	O	O	RESISTOR,METAL GLAZED(CHIP)	1M OHM 1 / 16 W 1608 5.00% D	

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		R797	0RH0000C622	O	O	RESISTOR,METAL GLAZED(CHIP)	0 OHM 1 / 16 W 1608 5.00% D	
		R799	0RH3301C622	O	O	RESISTOR,METAL GLAZED(CHIP)	3.3K OHM 1 / 16 W 1608 5.00% D	
		R801	0RD1801F608	O	O	RESISTOR,FIXED CARBON FILM	1.8K OHM 1/6 W 5.00% TA26	
		R802	0RD2701F608	O	O	RESISTOR,FIXED CARBON FILM	2.7K OHM 1/6 W 5.00% TA26	
		R803	0RD3301F608	O	O	RESISTOR,FIXED CARBON FILM	3.3K OHM 1/6 W 5.00% TA26	
		R804	0RD3901F608	O	O	RESISTOR,FIXED CARBON FILM	3.9K OHM 1/6 W 5.00% TA26	
		R805	0RD5601F608	O	O	RESISTOR,FIXED CARBON FILM	5.6K OHM 1/6 W 5.00% TA26	
		R806	0RD8201F608	O	O	RESISTOR,FIXED CARBON FILM	8.2K OHM 1/6 W 5.00% TA26	
		R807	0RD1502F608	O	O	RESISTOR,FIXED CARBON FILM	15K OHM 1/6 W 5.00% TA26	
		R808	0RD1801F608	O	O	RESISTOR,FIXED CARBON FILM	1.8K OHM 1/6 W 5.00% TA26	
		R809	0RD2701F608	O	O	RESISTOR,FIXED CARBON FILM	2.7K OHM 1/6 W 5.00% TA26	
		R810	0RD3301F608	O	O	RESISTOR,FIXED CARBON FILM	3.3K OHM 1/6 W 5.00% TA26	
		R811	0RD3901F608	O	O	RESISTOR,FIXED CARBON FILM	3.9K OHM 1/6 W 5.00% TA26	
		R812	0RD5601F608	O	O	RESISTOR,FIXED CARBON FILM	5.6K OHM 1/6 W 5.00% TA26	
		R813	0RD1801F608	O	O	RESISTOR,FIXED CARBON FILM	1.8K OHM 1/6 W 5.00% TA26	
		R814	0RD2701F608	O	O	RESISTOR,FIXED CARBON FILM	2.7K OHM 1/6 W 5.00% TA26	
		R815	0RD3301F608	O	O	RESISTOR,FIXED CARBON FILM	3.3K OHM 1/6 W 5.00% TA26	
		R816	0RD3901F608	O	O	RESISTOR,FIXED CARBON FILM	3.9K OHM 1/6 W 5.00% TA26	
		R817	0RD5601F608	O	O	RESISTOR,FIXED CARBON FILM	5.6K OHM 1/6 W 5.00% TA26	
		R818	0RD8201F608	O	O	RESISTOR,FIXED CARBON FILM	8.2K OHM 1/6 W 5.00% TA26	
		R819	0RD1502F608	O	O	RESISTOR,FIXED CARBON FILM	15K OHM 1/6 W 5.00% TA26	
		R820	0RD1802F608	O	O	RESISTOR,FIXED CARBON FILM	18K OHM 1/6 W 5.00% TA26	
		R821	0RD1802F608	O	O	RESISTOR,FIXED CARBON FILM	18K OHM 1/6 W 5.00% TA26	
		R822	0RD1802F608	O	O	RESISTOR,FIXED CARBON FILM	18K OHM 1/6 W 5.00% TA26	
		R823	0RD0182F608	O	O	RESISTOR,FIXED CARBON FILM	18 OHM 1/6 W 5.00% TA26	
		R824	0RD0182F608	O	O	RESISTOR,FIXED CARBON FILM	18 OHM 1/6 W 5.00% TA26	
		R825	0RD0182F608	O	O	RESISTOR,FIXED CARBON FILM	18 OHM 1/6 W 5.00% TA26	
		R826	0RD0182F608	O	O	RESISTOR,FIXED CARBON FILM	18 OHM 1/6 W 5.00% TA26	
		R827	0RD0182F608	O	O	RESISTOR,FIXED CARBON FILM	18 OHM 1/6 W 5.00% TA26	
		R828	0RD0182F608	O	O	RESISTOR,FIXED CARBON FILM	18 OHM 1/6 W 5.00% TA26	
		R829	0RD0182F608	O	O	RESISTOR,FIXED CARBON FILM	18 OHM 1/6 W 5.00% TA26	
		R830	0RD0182F608	O	O	RESISTOR,FIXED CARBON FILM	18 OHM 1/6 W 5.00% TA26	
		R831	0RD0182F608	O	O	RESISTOR,FIXED CARBON FILM	18 OHM 1/6 W 5.00% TA26	
		R832	0RD0182F608	O	O	RESISTOR,FIXED CARBON FILM	18 OHM 1/6 W 5.00% TA26	
		R833	0RD1000F608	O	O	RESISTOR,FIXED CARBON FILM	100 OHM 1/6 W 5.00% TA26	
		R834	0RD3301F608	O	O	RESISTOR,FIXED CARBON FILM	3.3K OHM 1/6 W 5.00% TA26	
		R835	0RD2702F608	O	O	RESISTOR,FIXED CARBON FILM	27K OHM 1/6 W 5.00% TA26	
		R836	0RD8201F608	O	O	RESISTOR,FIXED CARBON FILM	8.2K OHM 1/6 W 5.00% TA26	
		R837	0RD1502F608	O	O	RESISTOR,FIXED CARBON FILM	15K OHM 1/6 W 5.00% TA26	
		R838	0RD2702F608	O	O	RESISTOR,FIXED CARBON FILM	27K OHM 1/6 W 5.00% TA26	
		R839	0RD8202F608	O	O	RESISTOR,FIXED CARBON FILM	82K OHM 1/6 W 5.00% TA26	
		R840	0RD2702F608	O	O	RESISTOR,FIXED CARBON FILM	27K OHM 1/6 W 5.00% TA26	
		R841	0RD4701F608	O	O	RESISTOR,FIXED CARBON FILM	4.7K OHM 1/6 W 5.00% TA26	
		R842	0RD1001F608	O	O	RESISTOR,FIXED CARBON FILM	1K OHM 1/6 W 5.00% TA26	
		R843	0RD1001F608	O	O	RESISTOR,FIXED CARBON FILM	1K OHM 1/6 W 5.00% TA26	
		R844	0RD1001F608	O	O	RESISTOR,FIXED CARBON FILM	1K OHM 1/6 W 5.00% TA26	
		R845	0RD1001F608	O	O	RESISTOR,FIXED CARBON FILM	1K OHM 1/6 W 5.00% TA26	
		R846	0RD1003F608	O	O	RESISTOR,FIXED CARBON FILM	100K OHM 1/6 W 5.00% TA26	
		R847	0RD4702F608	O	O	RESISTOR,FIXED CARBON FILM	47K OHM 1/6 W 5.00% TA26	
		R848	0RD4702F608	O	O	RESISTOR,FIXED CARBON FILM	47K OHM 1/6 W 5.00% TA26	
		R849	0RD4702F608	O	O	RESISTOR,FIXED CARBON FILM	47K OHM 1/6 W 5.00% TA26	
		R850	0RD4702F608	O	O	RESISTOR,FIXED CARBON FILM	47K OHM 1/6 W 5.00% TA26	
		R851	0RD4702F608	O	O	RESISTOR,FIXED CARBON FILM	47K OHM 1/6 W 5.00% TA26	
		R864	0RD1000F608	O	O	RESISTOR,FIXED CARBON FILM	100 OHM 1/6 W 5.00% TA26	
		R900	0RD1504H632	O		RESISTOR,FIXED CARBON FILM	1.5M OHM 1/2 W 5.00% MF10	
		R901	614-007A	O	O	RESISTOR	2.7/2W CEMENT SMPS V	
		R902	0RS1003K619	O	O	RESISTOR,FIXED METAL OXIDE FIL	100K OHM 2 W 5.00% TR	
		R904	0RS5602K619	O	O	RESISTOR,FIXED METAL OXIDE FIL	56K OHM 2 W 5.00% TR	
		R905	0RD8202F608	O	O	RESISTOR,FIXED CARBON FILM	82K OHM 1/6 W 5.00% TA26	
		R911	0RS0350K619	O	O	RESISTOR,FIXED METAL OXIDE FIL	0.35 OHM 2 W 5.00% TR	
		R912	0RD0391F608	O	O	RESISTOR,FIXED CARBON FILM	3.9 OHM 1/6 W 5.00% TA26	
		R919	0RD4701F608	O	O	RESISTOR,FIXED CARBON FILM	4.7K OHM 1/6 W 5.00% TA26	
		R920	0RD4702F608	O	O	RESISTOR,FIXED CARBON FILM	47K OHM 1/6 W 5.00% TA26	
		R921	0RD1201F608	O	O	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5.00% TA26	
		R922	0RS1200J619	O	O	RESISTOR,FIXED METAL OXIDE FIL	120 OHM 1 W 5.00% TR	
		R923	0RD4701F608	O	O	RESISTOR,FIXED CARBON FILM	4.7K OHM 1/6 W 5.00% TA26	
		R924	0RD3300F608	O	O	RESISTOR,FIXED CARBON FILM	330 OHM 1/6 W 5.00% TA26	
		R925	0RD2201F608	O	O	RESISTOR,FIXED CARBON FILM	2.2K OHM 1/6 W 5.00% TA26	
		R926	0RD1001F608	O	O	RESISTOR,FIXED CARBON FILM	1K OHM 1/6 W 5.00% TA26	
		R927	0RN3601E408	O	O	RESISTOR,FIXED METAL FILM	3.6K OHM 1/8 W 1.00% TA26	
		R928	0RN3301F408	O	O	RESISTOR,FIXED METAL FILM	3.3K OHM 1/6 W 1.00% TA26	
		R929	0RD4702F608	O	O	RESISTOR,FIXED CARBON FILM	47K OHM 1/6 W 5.00% TA26	
		R930	0RD4701F608	O	O	RESISTOR,FIXED CARBON FILM	4.7K OHM 1/6 W 5.00% TA26	
		R931	0RS1200J619	O	O	RESISTOR,FIXED METAL OXIDE FIL	120 OHM 1 W 5.00% TR	
		R933	0RD1201F608	O	O	RESISTOR,FIXED CARBON FILM	1.2K OHM 1/6 W 5.00% TA26	

S	AL	LOCA. NO.	PART NO.(LG)	A	B	DESCRIPTION	SPECIFICATION	REMARKS
		R941	0RD1002F608	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA26	
		R942	0RD1002F608	O	O	RESISTOR,FIXED CARBON FILM	10K OHM 1/6 W 5.00% TA26	
		R943	0RD2201F608	O	O	RESISTOR,FIXED CARBON FILM	2.2K OHM 1/6 W 5.00% TA26	
		RMC801	0IRH693840A	O	O	IC,ROHM	RPM6938-V4 3P BK REMOCON MODUL	
		RR301	0RR2200Q62A	O	O	RESISTOR,DRAWING	220 OHM 1/16 W 3216 5.00% R/TP	
		RR302	0RR2200Q62A	O	O	RESISTOR,DRAWING	220 OHM 1/16 W 3216 5.00% R/TP	
		RR303	0RR2200Q62A	O	O	RESISTOR,DRAWING	220 OHM 1/16 W 3216 5.00% R/TP	
		RR304	0RR2200Q62A	O	O	RESISTOR,DRAWING	220 OHM 1/16 W 3216 5.00% R/TP	
		RR305	0RR2200Q62A	O	O	RESISTOR,DRAWING	220 OHM 1/16 W 3216 5.00% R/TP	
		RR306	0RR2200Q62A	O	O	RESISTOR,DRAWING	220 OHM 1/16 W 3216 5.00% R/TP	
		RR401	0RR2200Q62A	O	O	RESISTOR,DRAWING	220 OHM 1/16 W 3216 5.00% R/TP	
		RR402	0RR2200Q62A	O	O	RESISTOR,DRAWING	220 OHM 1/16 W 3216 5.00% R/TP	
		RR403	0RR2200Q62A	O	O	RESISTOR,DRAWING	220 OHM 1/16 W 3216 5.00% R/TP	
		RR404	0RR2200Q62A	O	O	RESISTOR,DRAWING	220 OHM 1/16 W 3216 5.00% R/TP	
		RR405	0RR2200Q62A	O	O	RESISTOR,DRAWING	220 OHM 1/16 W 3216 5.00% R/TP	
		RR406	0RR2200Q62A	O	O	RESISTOR,DRAWING	220 OHM 1/16 W 3216 5.00% R/TP	
		RR501	0RR2200Q62A	O	O	RESISTOR,DRAWING	220 OHM 1/16 W 3216 5.00% R/TP	
		RR502	0RR2200Q62A	O	O	RESISTOR,DRAWING	220 OHM 1/16 W 3216 5.00% R/TP	
		RR503	0RR2200Q62A	O	O	RESISTOR,DRAWING	220 OHM 1/16 W 3216 5.00% R/TP	
		RR504	0RR2200Q62A	O	O	RESISTOR,DRAWING	220 OHM 1/16 W 3216 5.00% R/TP	
		RR505	0RR2200Q62A	O	O	RESISTOR,DRAWING	220 OHM 1/16 W 3216 5.00% R/TP	
		RR506	0RR2200Q62A	O	O	RESISTOR,DRAWING	220 OHM 1/16 W 3216 5.00% R/TP	
			SWITCH					
		SW101	6600HXF102A	O	O	SWITCH,DETECTOR	MPU20160MLB0 MIC NON DC5V 0.7M	
		SW501	6600HXF102A	O	O	SWITCH,DETECTOR	MPU20160MLB0 MIC NON DC5V 0.7M	
		SW801	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW802	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW803	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW804	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW805	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW806	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW807	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW808	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW809	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW810	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW811	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW812	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW813	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW814	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW815	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW816	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW817	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW818	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW819	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW820	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW821	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW822	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW823	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW824	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW825	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW826	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW827	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW828	556-219B	O	O	SWITCH,TACT	THVV502GAA POSTECH NON 12V 5A	
		SW8901	6600R-PH01A	O	O	SWITCH,TACT	SDKLA10200 JAPAN ALPS UL/CSA 2	
			TRANSFORMER,RESONATOR,CRYSTAL.ZENER DIODE					
		T901	642-023Z	O	O	TRANSFORMER,SMPS	CSE-023Z SUJEONG WIDE EER-2828	
		VR801	6110R-RK01A	O	O	VOLUME,ROTARY	RK09L12B0-500BX2 J-ALPS D=9 H	
		VR802	6110R-RK01B	O	O	VOLUME,ROTARY	RK09L12B0-20KBX2 J-ALPS D=9 H	
		W917	0LR0102K035	O	O	INDUCTOR RADIAL LEAD	10M K 6X6 L5 TP	
		X302	6212HA0202A	O	O	RESONATOR	CSACV20.00MXJ040-TC20 MURATA 2	
		X501	6202R-BM01A	O	O	CRYSTAL,SMD	HC-49/SM5H KONY CHIP 33.8688MH	
		X502	6212HA0202A	O	O	RESONATOR	CSACV20.00MXJ040-TC20 MURATA 2	
		X801	6202R-BJ01A	O	O	CRYSTAL,STANDARD	HC-49/S SUNNY RADIAL 5.0000MHZ	
		ZD901	0DZ510009EC	O	O	DIODE,ZENER	MTZJ5.1B,0.5W,TP TP ROHM	

CONTENTS

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SPECIFICATIONS

Signal Format	
Playback Sampling Frequency	44.1 kHz
D/A Conversion	96kHz, Multi-Bit Delta-Sigma Conversion
Oversampling	128 Times

Playback Specifications

Frequency Response	2Hz – 20,050Hz
Playback S/N	100dB
Playback Dynamic Range	95dB
Playback THD	0.005% / –88dB
Analog Audio Output	1V RMS, ± 2dB (1KHz 0dB)
Digital-Coaxial Output	0.5 Vpp/75Ω
Headphone Output	0.5V RMS/32Ω Load (1KHz 0dB)

Record Specifications

Digital Dubbing Mode(X1/X2/X4)	Equal to source
Digital Input Sample Rate	32kHz ~ 96kHz
Signal/Noise Ratio - Analog	84dB
Signal/Noise Ratio - External(Sourse)	source-10dB
Dynamic Range	87dB
THD	0.005%/-85dB
Analog Input Sensitivity	300 mV RMS 47kΩ = 0dB
Digital Inputs (Direct Recording)	44.1kHz, ± 100 ppm/min.

General

Power Requirement	100~240V AC, 50/60Hz
Power Consumption	28 Watts
Dimensions	
Width	17.3"/440mm
Height	4.4"/112mm
Depth	13.9"/354mm
Weight	14.3 lb/6.5 kg

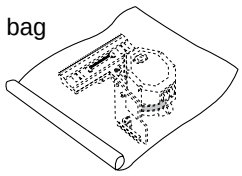
SERVICING PRECAUTIONS

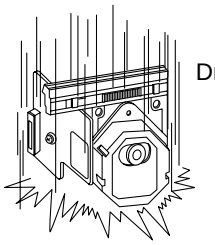
NOTES REGARDING HANDLING OF THE PICK-UP

1. Notes for transport and storage

1) The pick-up should always be left in its conductive bag until immediately prior to use.
2) The pick-up should never be subjected to external pressure or impact.

Storage in conductive bag

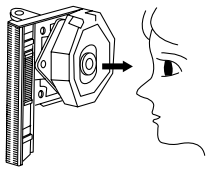




Drop impact

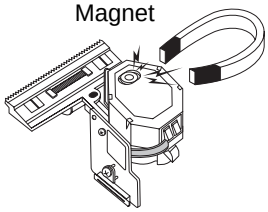
2. Repair notes

1) The pick-up incorporates a strong magnet, and so should never be brought close to magnetic materials.
2) The pick-up should always be handled correctly and carefully, taking care to avoid external pressure and impact. If it is subjected to strong pressure or impact, the result may be an operational malfunction and/or damage to the printed-circuit board.
3) Each and every pick-up is already individually adjusted to a high degree of precision, and for that reason the adjustment point and installation
screws should absolutely never be touched.
4) Laser beams may damage the eyes!
Absolutely never permit laser beams to enter the eyes!
Also NEVER switch ON the power to the laser output part (lens, etc.) of the pick-up if it is damaged.

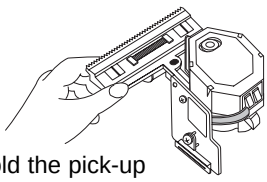


NEVER look directly at the laser beam, and don't let contact fingers or other exposed skin.

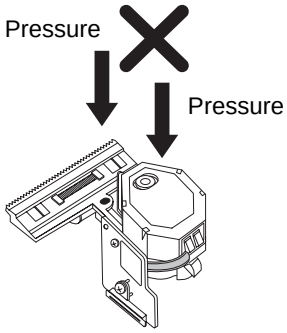
5) Cleaning the lens surface
If there is dust on the lens surface, the dust should be cleaned away by using an air bush (such as used for camera lens). The lens is held by a delicate spring. When cleaning the lens surface, therefore, a cotton swab should be used, taking care not to distort this.



Magnet

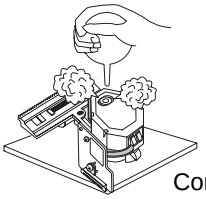


How to hold the pick-up

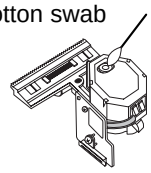


Pressure

Pressure



Conductive Sheet



Cotton swab

6) Never attempt to disassemble the pick-up.
Spring by excess pressure. If the lens is extremely dirty, apply isopropyl alcohol to the cotton swab. (Do not use any other liquid cleaners, because they will damage the lens.) Take care not to use too much of this alcohol on the swab, and do not allow the alcohol to get inside the pick-up.

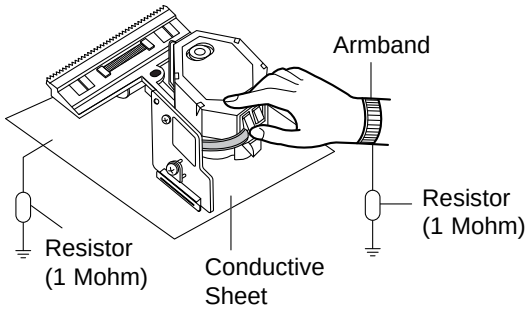
NOTES REGARDING COMPACT DISC PLAYER REPAIRS

1. Preparations

1) Compact disc players incorporate a great many ICs as well as the pick-up (laser diode). These components are sensitive to, and easily affected by, static electricity. If such static electricity is high voltage, components can be damaged, and for that reason components should be handled with care.
2) The pick-up is composed of many optical components and other high-precision components. Care must be taken, therefore, to avoid repair or storage where the temperature of humidity is high, where strong magnetism is present, or where there is excessive dust.

2. Notes for repair

1) Before replacing a component part, first disconnect the power supply lead wire from the unit
2) All equipment, measuring instruments and tools must be grounded.
3) The workbench should be covered with a conductive sheet and grounded.
   When removing the laser pick-up from its conductive bag, do not place the pick-up on the bag. (This is because there is the possibility of damage by static electricity.)
4) To prevent AC leakage, the metal part of the soldering iron should be grounded.
5) Workers should be grounded by an armband (1MΩ)
6) Care should be taken not to permit the laser pick-up to come in contact with clothing, in order to prevent static electricity changes in the clothing to escape from the armband.
7) The laser beam from the pick-up should NEVER be directly facing the eyes or bare skin.



ESD PRECAUTIONS

Electrostatically Sensitive Devices (ESD)

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive Devices (ESD). Examples of typical ESD devices are integrated circuits and some field-effect transistors and semiconductor chip components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

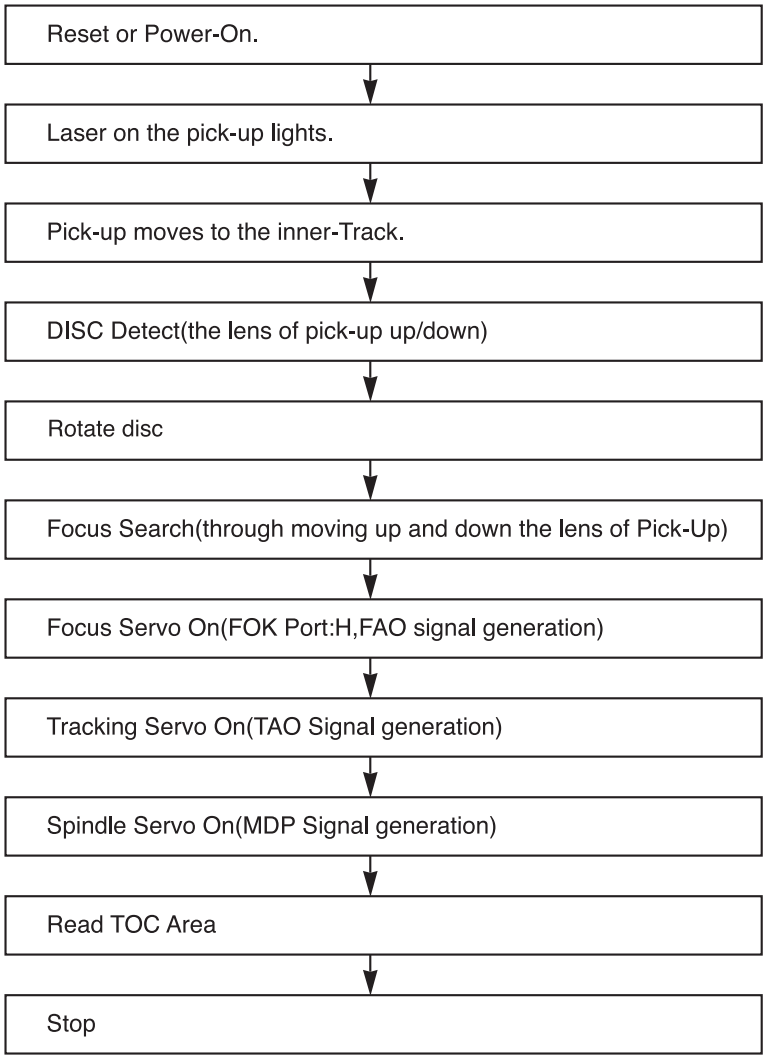
1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ESD devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ESD devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESD devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESD devices.
6. Do not remove a replacement ESD device from its protective package until immediately before you are ready to install it. (Most replacement ESD devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive materials).
7. Immediately before removing the protective material from the leads of a replacement ESD device, touch the protective material to the chassis or circuit assembly into which the device will by installed.

CAUTION : BE SURE NO POWER IS APPLIED TO THE CHASSIS OR CIRCUIT, AND OBSERVE ALL OTHER SAFETY PRECAUTIONS.

8. Minimize bodily motions when handing unpackaged replacement ESD devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ESD device).

TROUBLESHOOTING GUIDE FOR CD-P BOARD

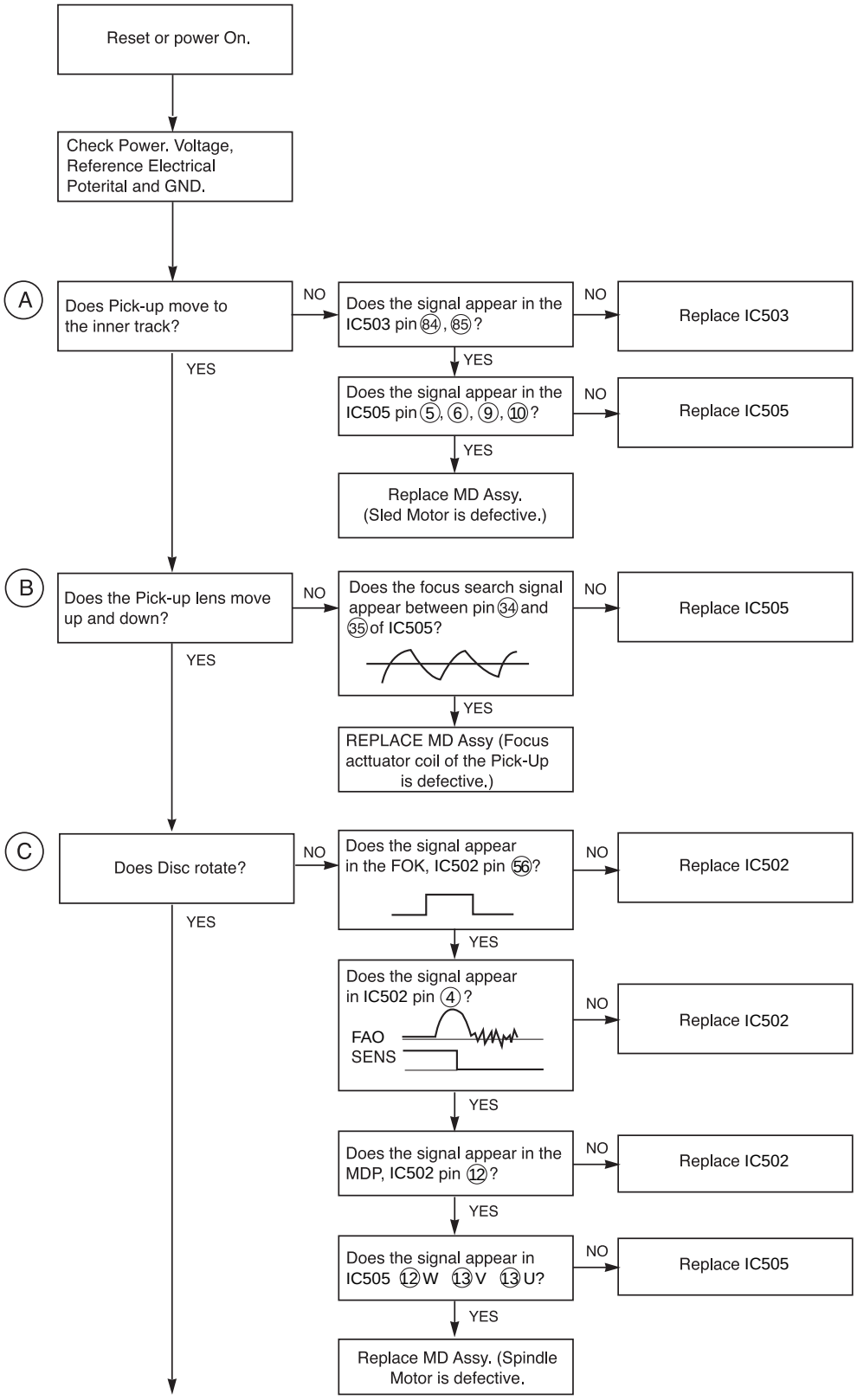
1. Initial Lead-in Operation

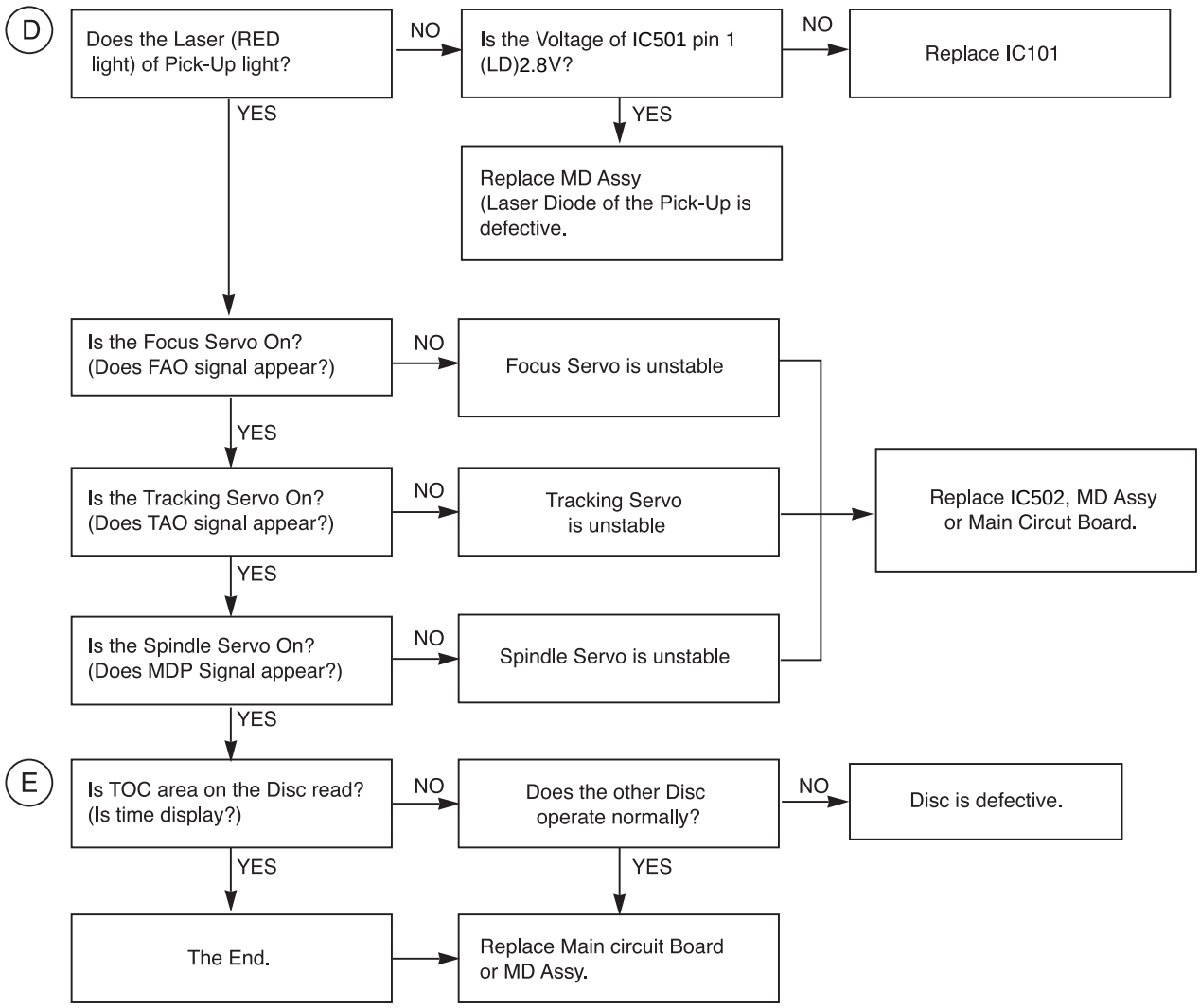

Reset or Power-On.
Laser on the pick-up lights.
Pick-up moves to the inner-Track.
DISC Detect(the lens of pick-up up/down)
Rotate disc
Focus Search(through moving up and down the lens of Pick-Up)
Focus Servo On(FOK Port:H,FAO signal generation)
Tracking Servo On(TAO Signal generation)
Spindle Servo On(MDP Signal generation)
Read TOC Area
Stop

2. Trouble List(Circuit)

(In the Initial Lead-in Operation Mode)
A. Pick-Up doesn't move to the inner-track.
B. Pick-Up lens doesn't move up and down.
C. Disc doesn't rotate.
D. The Laser(RED) of Pick-Up doesn't light.
E. TOC isn't read.

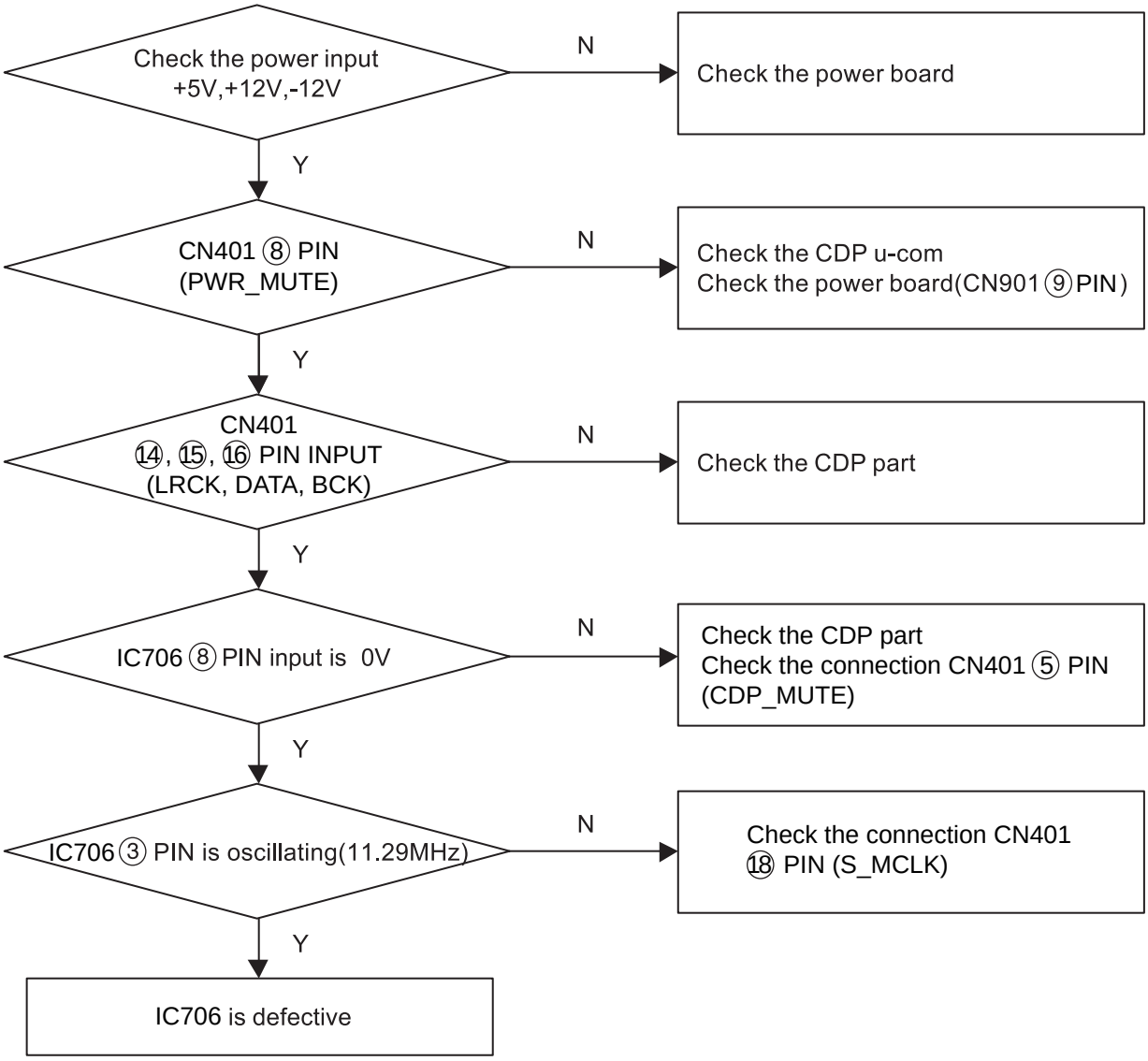
3. Troubleshooting Guide(In the Initial Lead-in Operation Mode)




D
Does the Laser (RED light) of Pick-Up light?
NO
Is the Voltage of IC501 pin 1 (LD)2.8V?
NO
Replace IC101
YES
YES
Replace MD Assy (Laser Diode of the Pick-Up is defective.
Is the Focus Servo On? (Does FAO signal appear?)
NO
Focus Servo is unstable
YES
Is the Tracking Servo On? (Does TAO signal appear?)
NO
Tracking Servo is unstable
Replace IC502, MD Assy or Main Circut Board.
YES
Is the Spindle Servo On? (Does MDP Signal appear?)
NO
Spindle Servo is unstable
YES
E
Is TOC area on the Disc read? (Is time display?)
NO
Does the other Disc operate normally?
NO
Disc is defective.
YES
YES
The End.
Replace Main circuit Board or MD Assy.

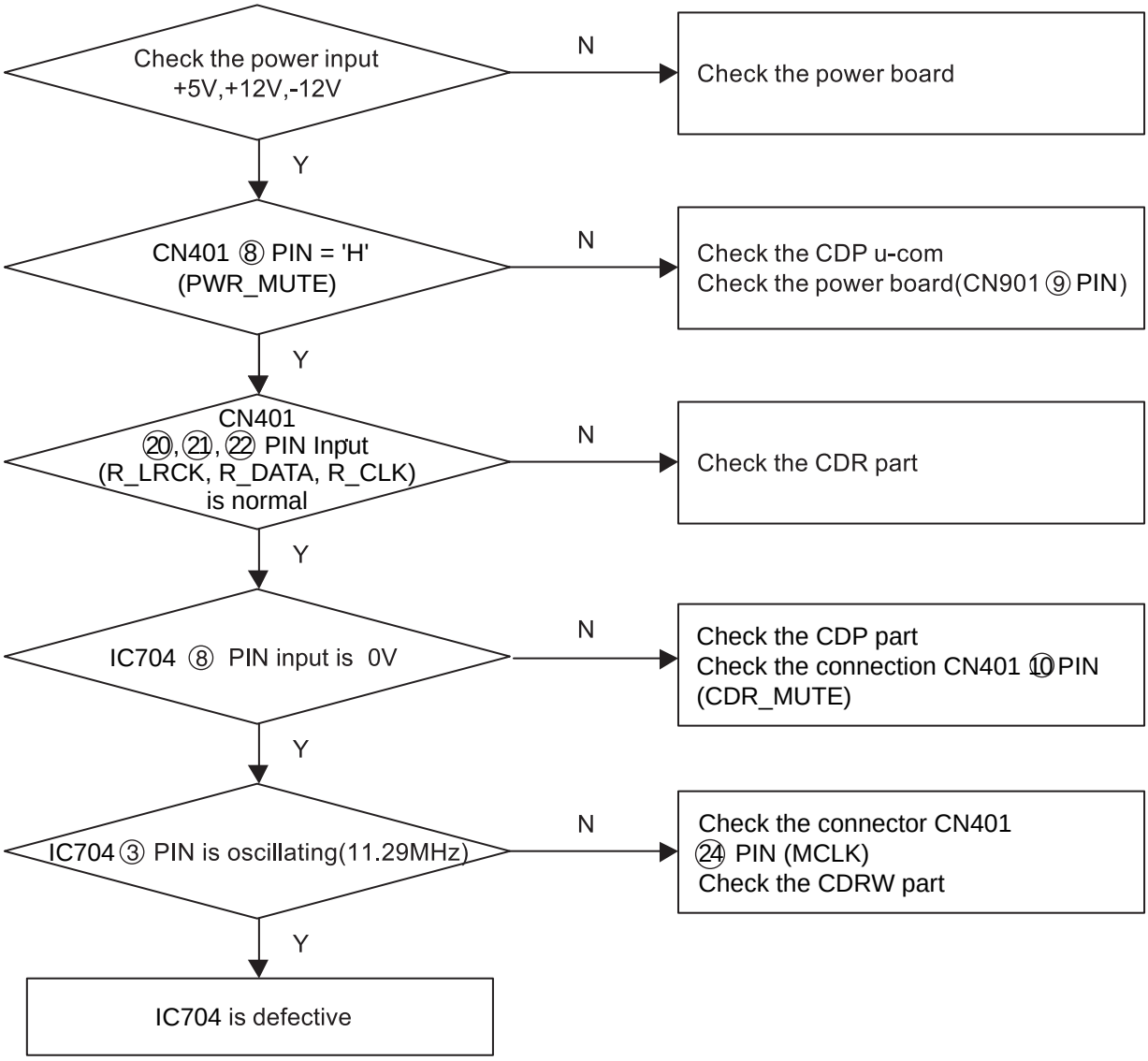
NO AUDIO(CDP JACK)

CURRENT DECK IS CDP

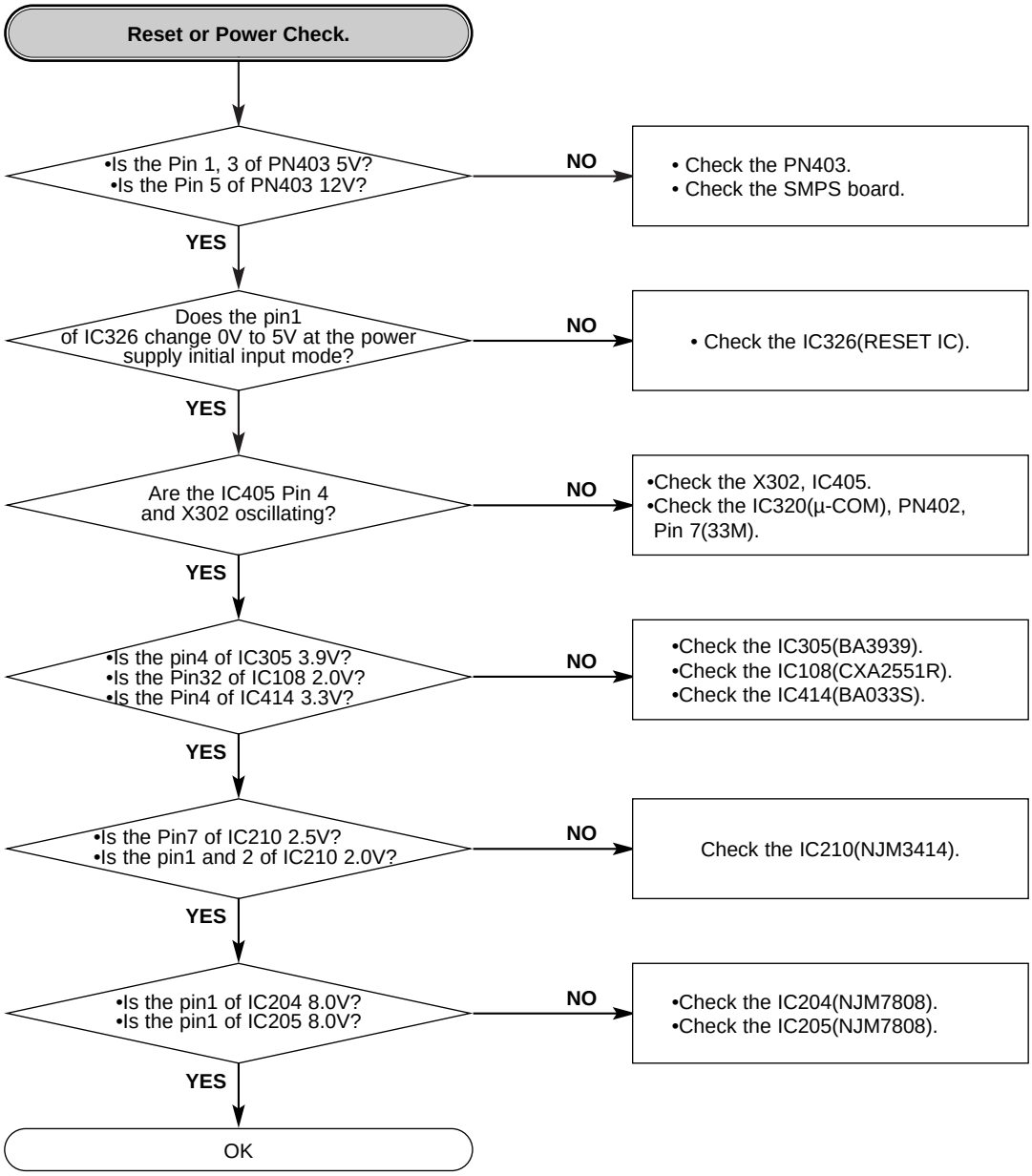


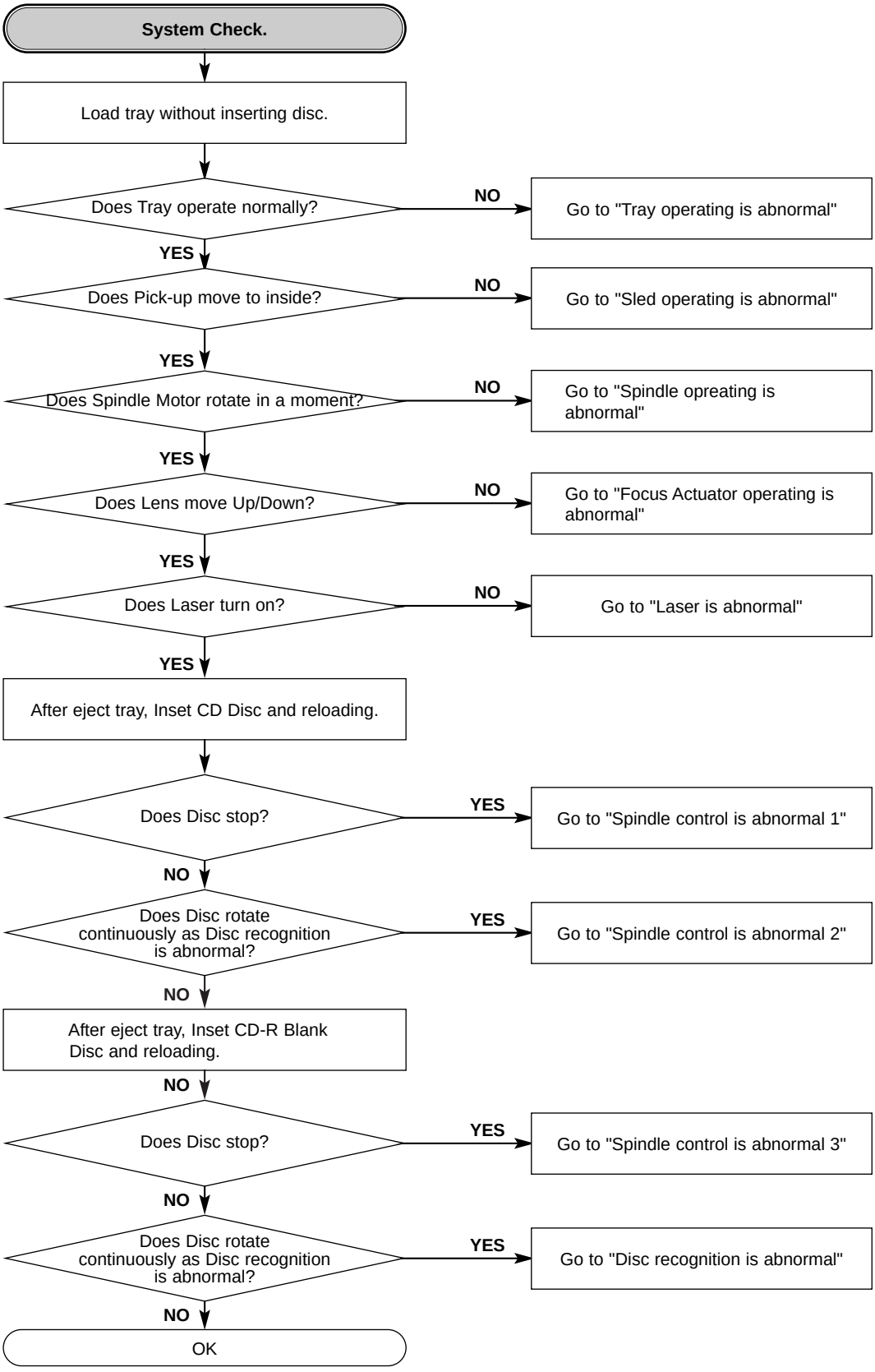
NO AUDIO(CDP JACK)

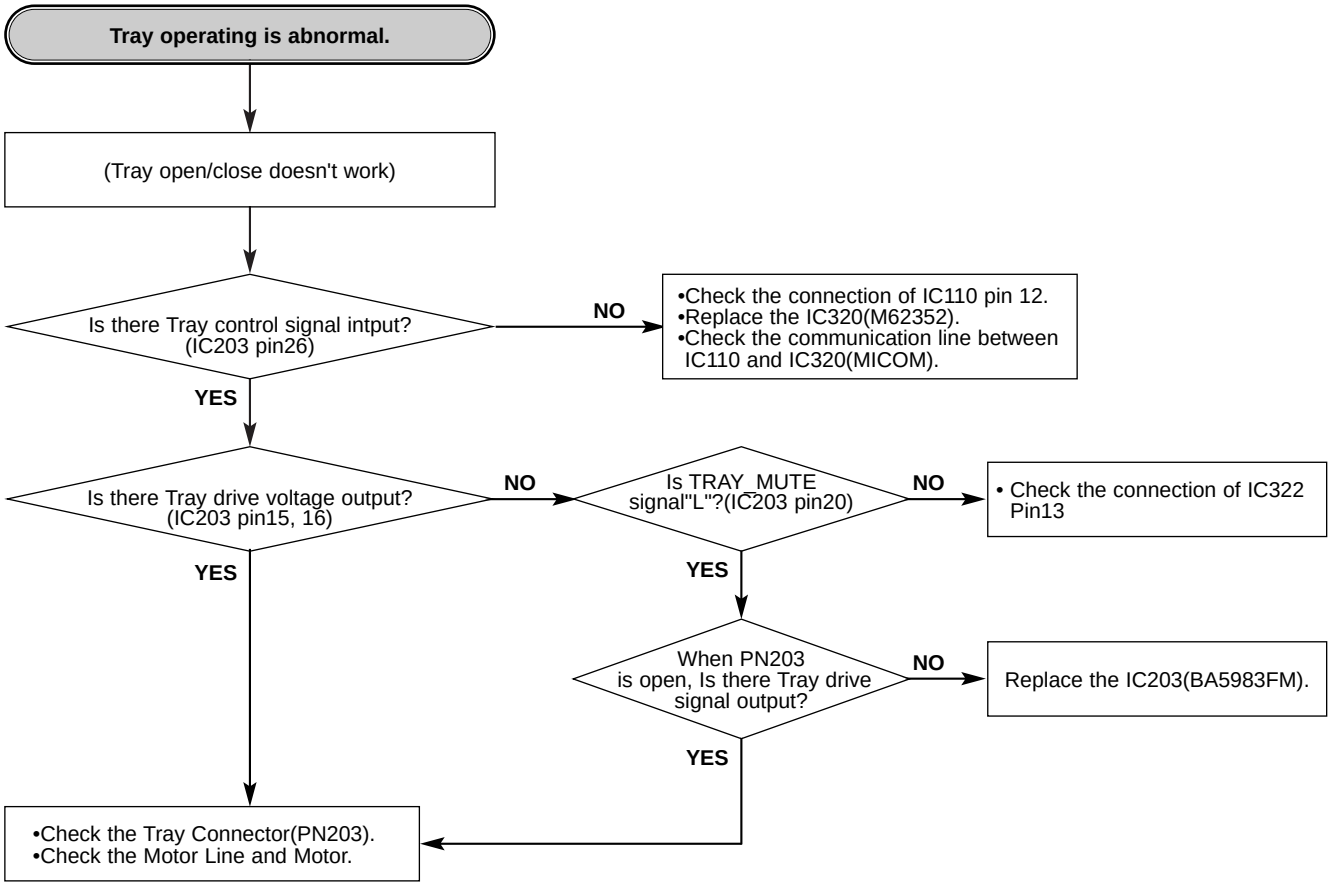
CURRENT DECK IS CDR

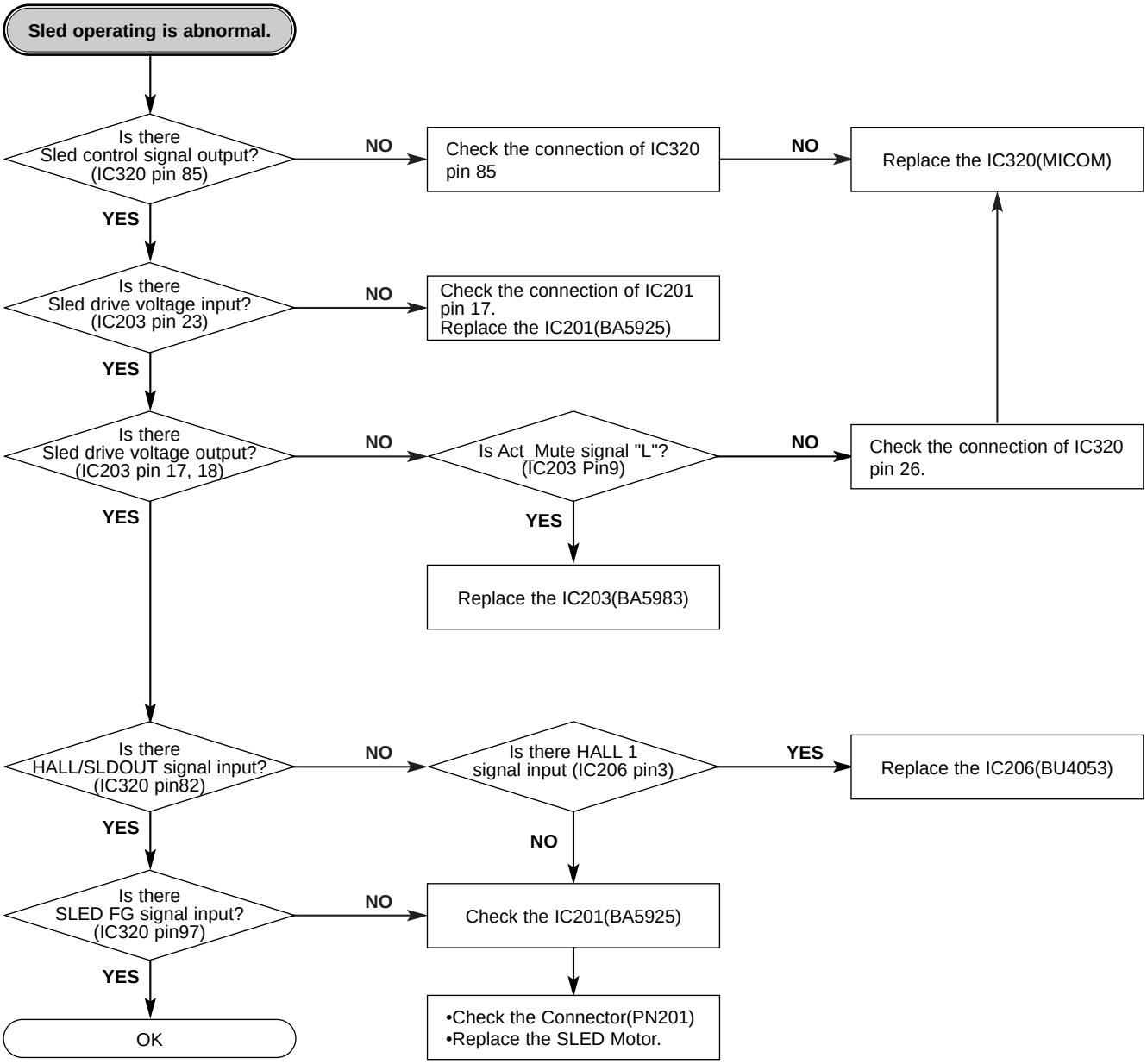


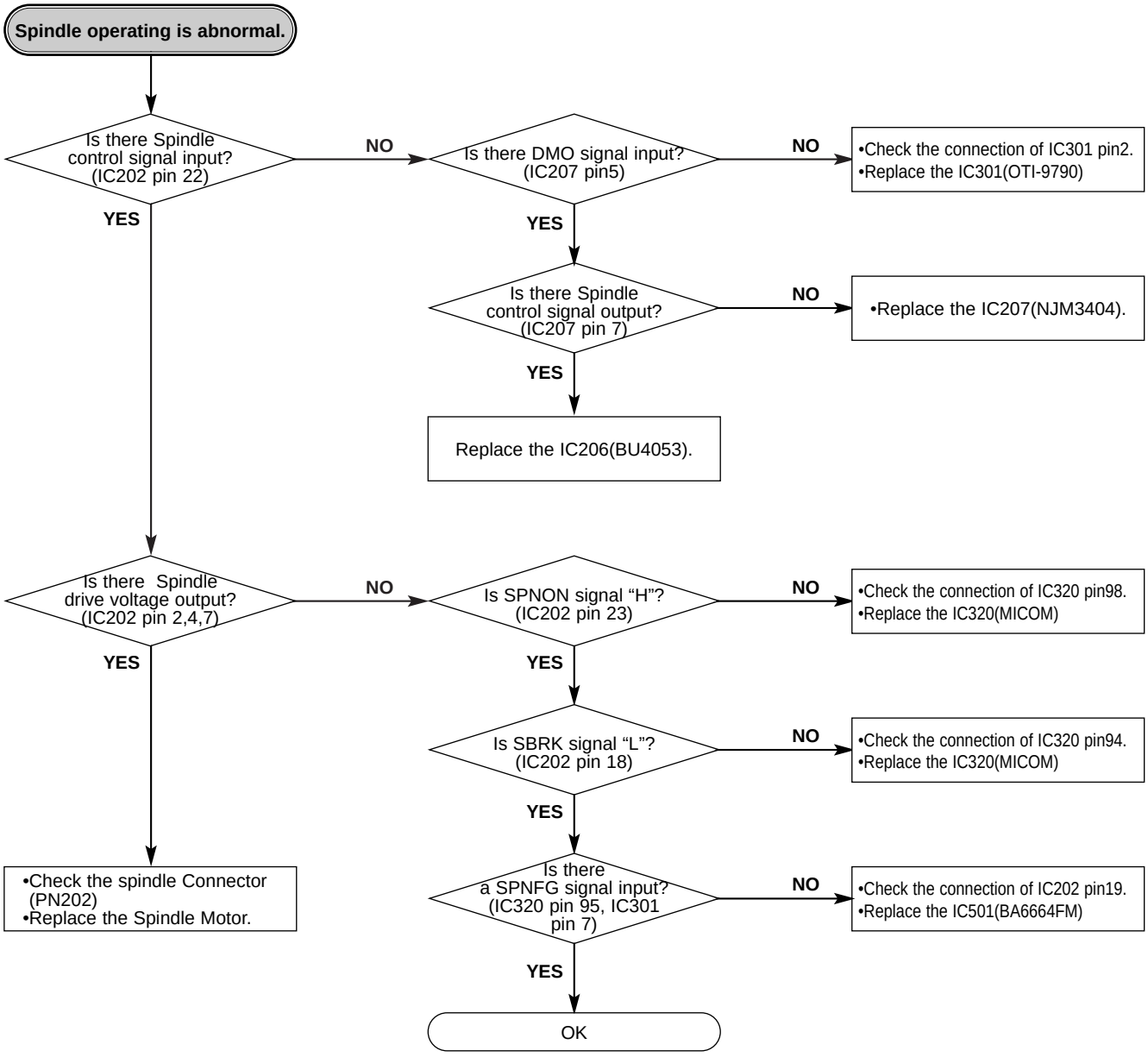
TROUBLESHOOTING GUIDE FOR CD-RW BOARD

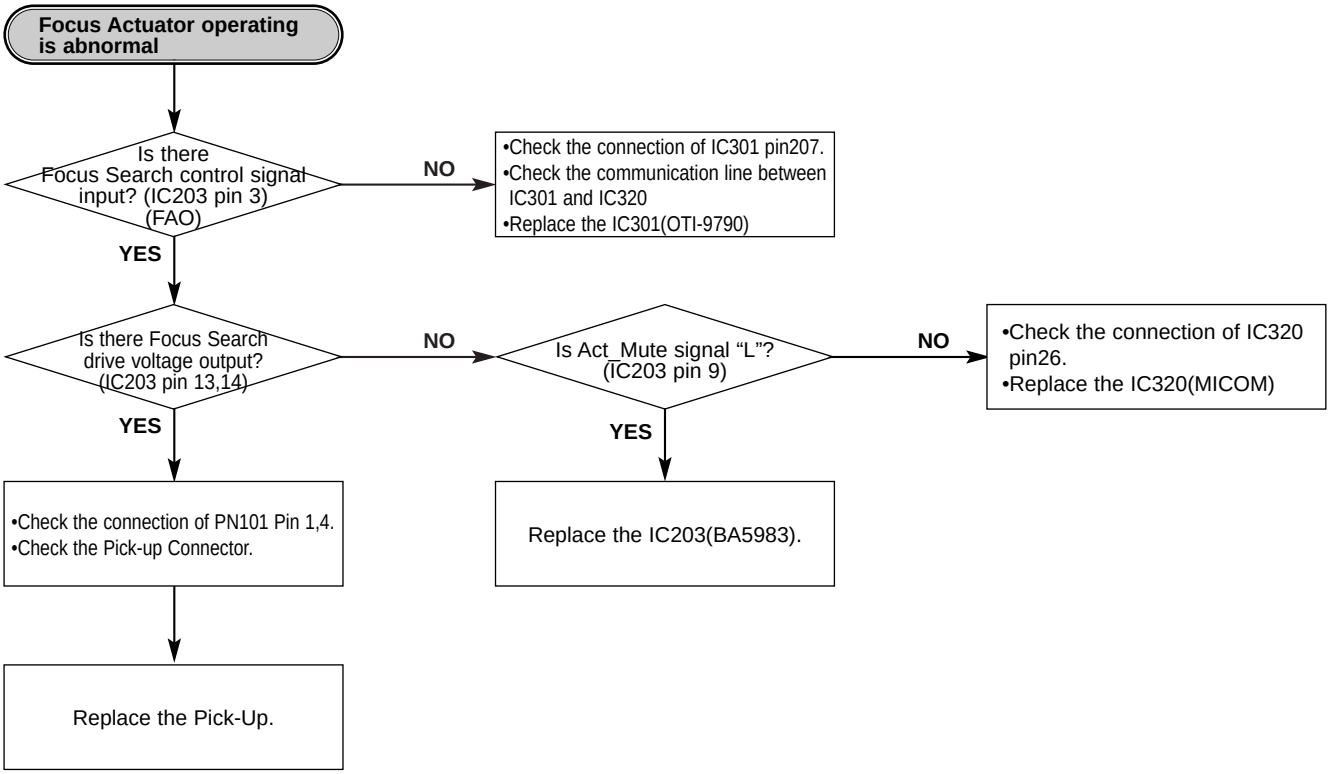


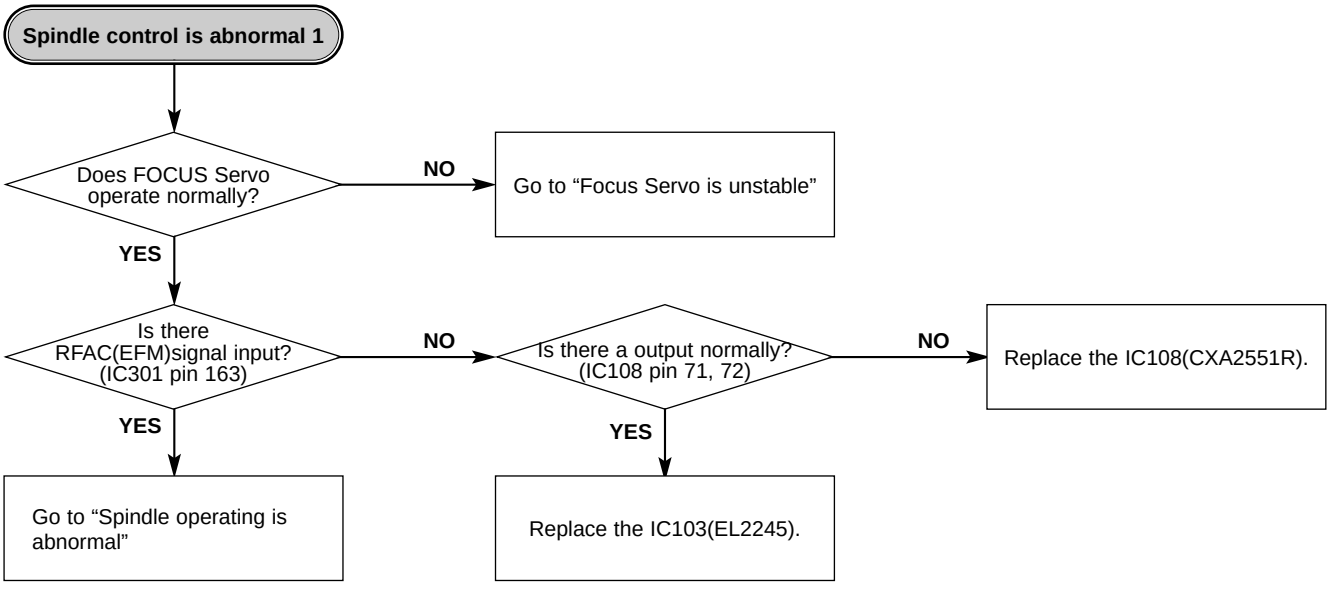

System Check.
Load tray without inserting disc.
Does Tray operate normally?
NO
Go to "Tray operating is abnormal"
YES
Does Pick-up move to inside?
NO
Go to "Sled operating is abnormal"
YES
Does Spindle Motor rotate in a moment?
NO
Go to "Spindle opreating is abnormal"
YES
Does Lens move Up/Down?
NO
Go to "Focus Actuator operating is abnormal"
YES
Does Laser turn on?
NO
Go to "Laser is abnormal"
YES
After eject tray, Inset CD Disc and reloading.
Does Disc stop?
YES
Go to "Spindle control is abnormal 1"
NO
Does Disc rotate continuously as Disc recognition is abnormal?
YES
Go to "Spindle control is abnormal 2"
NO
After eject tray, Inset CD-R Blank Disc and reloading.
NO
Does Disc stop?
YES
Go to "Spindle control is abnormal 3"
NO
Does Disc rotate continuously as Disc recognition is abnormal?
YES
Go to "Disc recognition is abnormal"
NO
OK

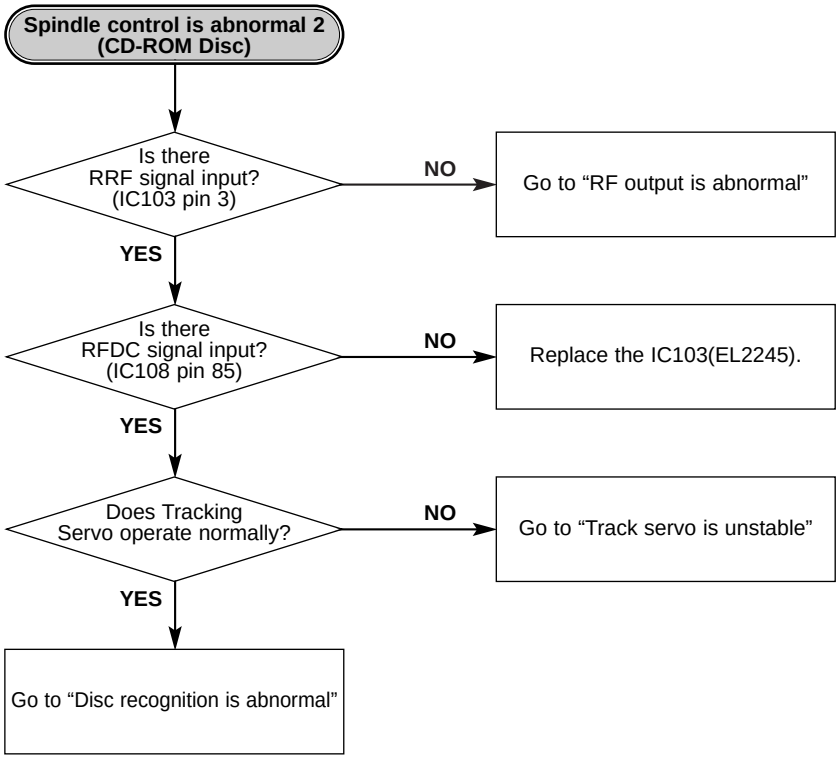

Tray operating is abnormal.
(Tray open/close doesn't work)
Is there Tray control signal intput?
(IC203 pin26)
NO
•Check the connection of IC110 pin 12.
•Replace the IC320(M62352).
•Check the communication line between
IC110 and IC320(MICOM).
YES
Is there Tray drive voltage output?
(IC203 pin15, 16)
NO
Is TRAY_MUTE
signal"L"?(IC203 pin20)
NO
• Check the connection of IC322
Pin13
YES
YES
When PN203
is open, Is there Tray drive
signal output?
NO
Replace the IC203(BA5983FM).
YES
•Check the Tray Connector(PN203).
•Check the Motor Line and Motor.

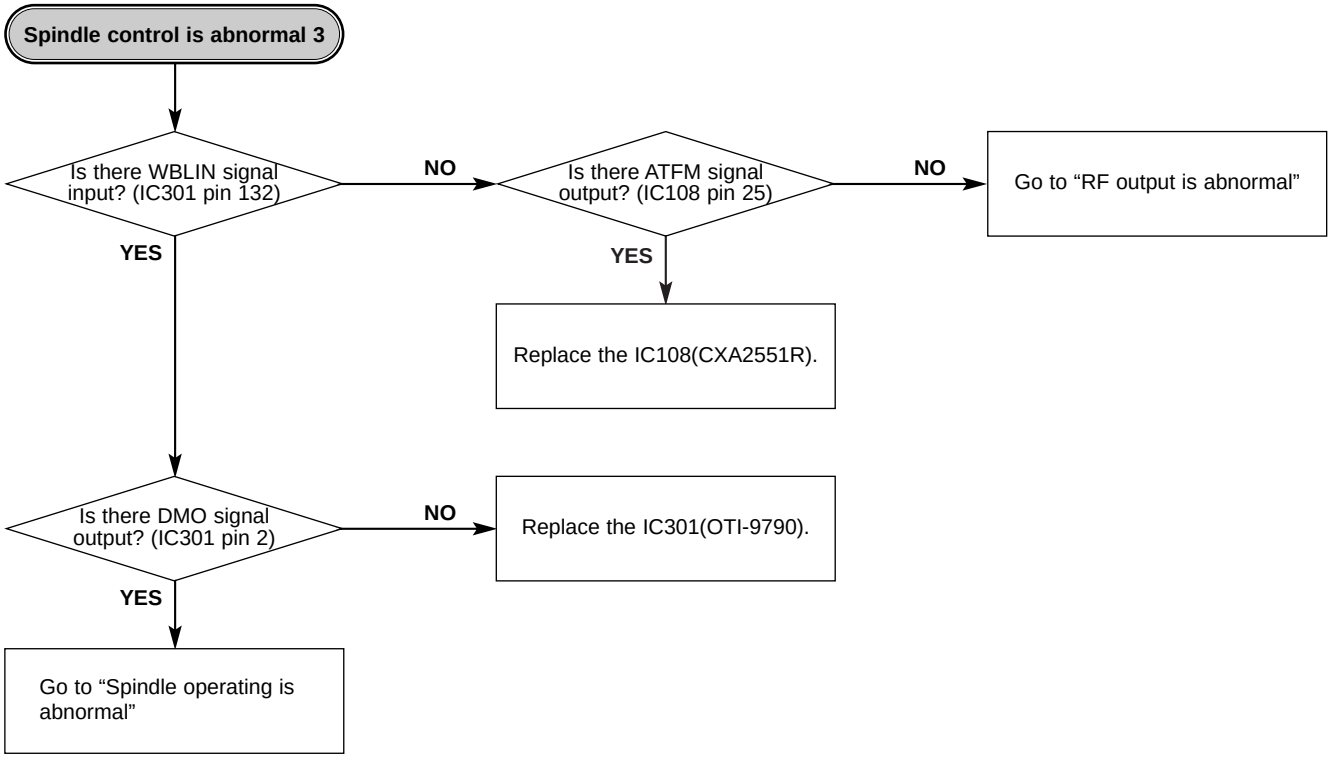

Sled operating is abnormal.
Is there Sled control signal output? (IC320 pin 85)
NO
Check the connection of IC320 pin 85
NO
Replace the IC320(MICOM)
YES
Is there Sled drive voltage input? (IC203 pin 23)
NO
Check the connection of IC201 pin 17. Replace the IC201(BA5925)
YES
Is there Sled drive voltage output? (IC203 pin 17, 18)
NO
Is Act_Mute signal "L"? (IC203 Pin9)
NO
Check the connection of IC320 pin 26.
YES
YES
Replace the IC203(BA5983)
Is there HALL/SLDOUT signal input? (IC320 pin82)
NO
Is there HALL 1 signal input (IC206 pin3)
YES
Replace the IC206(BU4053)
YES
NO
Is there SLED FG signal input? (IC320 pin97)
NO
Check the IC201(BA5925)
YES
•Check the Connector(PN201)
•Replace the SLED Motor.
OK

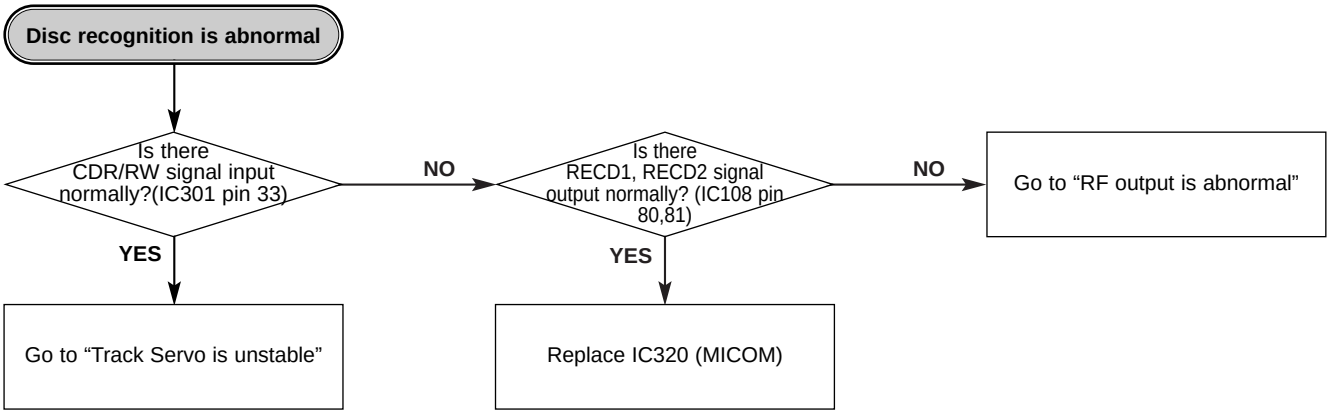

Spindle operating is abnormal.
Is there Spindle control signal input? (IC202 pin 22)
NO
Is there DMO signal input? (IC207 pin5)
NO
•Check the connection of IC301 pin2.
•Replace the IC301(OTI-9790)
YES
YES
Is there Spindle control signal output? (IC207 pin 7)
NO
•Replace the IC207(NJM3404).
YES
Replace the IC206(BU4053).
Is there Spindle drive voltage output? (IC202 pin 2,4,7)
NO
Is SPNON signal “H”? (IC202 pin 23)
NO
•Check the connection of IC320 pin98.
•Replace the IC320(MICOM)
YES
YES
Is SBRK signal “L”? (IC202 pin 18)
NO
•Check the connection of IC320 pin94.
•Replace the IC320(MICOM)
YES
•Check the spindle Connector (PN202)
•Replace the Spindle Motor.
Is there a SPNFG signal input? (IC320 pin 95, IC301 pin 7)
NO
•Check the connection of IC202 pin19.
•Replace the IC501(BA6664FM)
YES
OK

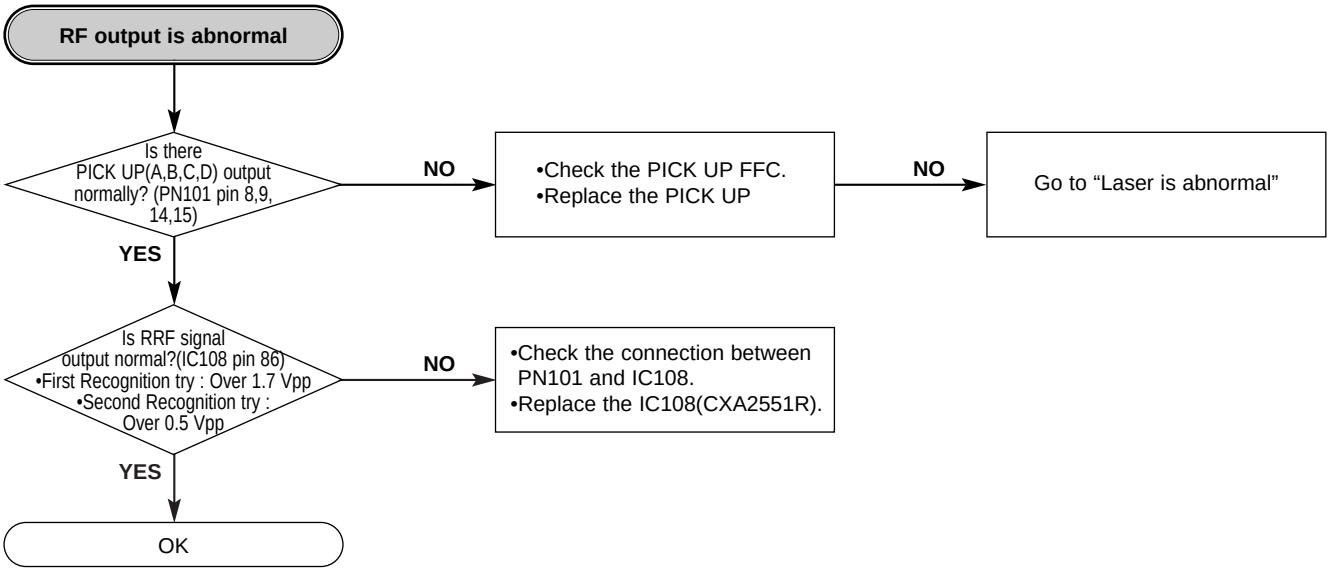

Focus Actuator operating is abnormal
Is there Focus Search control signal input? (IC203 pin 3) (FAO)
NO
•Check the connection of IC301 pin207.
•Check the communication line between IC301 and IC320
•Replace the IC301(OTI-9790)
YES
Is there Focus Search drive voltage output? (IC203 pin 13,14)
NO
Is Act_Mute signal “L”? (IC203 pin 9)
NO
•Check the connection of IC320 pin26.
•Replace the IC320(MICOM)
YES
YES
•Check the connection of PN101 Pin 1,4.
•Check the Pick-up Connector.
Replace the IC203(BA5983).
Replace the Pick-Up.

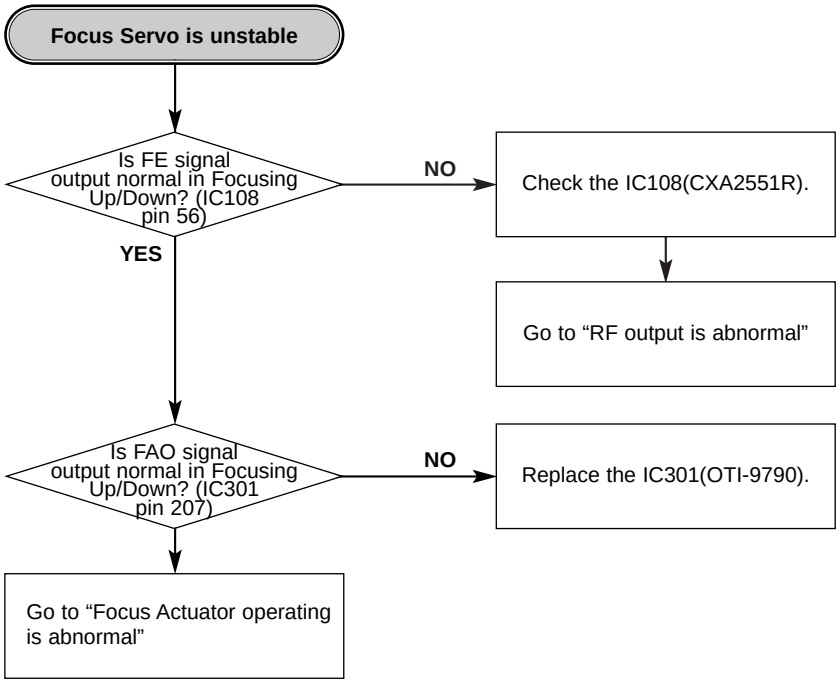

Spindle control is abnormal 1
Does FOCUS Servo operate normally?
NO
Go to “Focus Servo is unstable”
YES
Is there RFAC(EFM)signal input? (IC301 pin 163)
NO
Is there a output normally? (IC108 pin 71, 72)
NO
Replace the IC108(CXA2551R).
YES
YES
Go to “Spindle operating is abnormal”
Replace the IC103(EL2245).

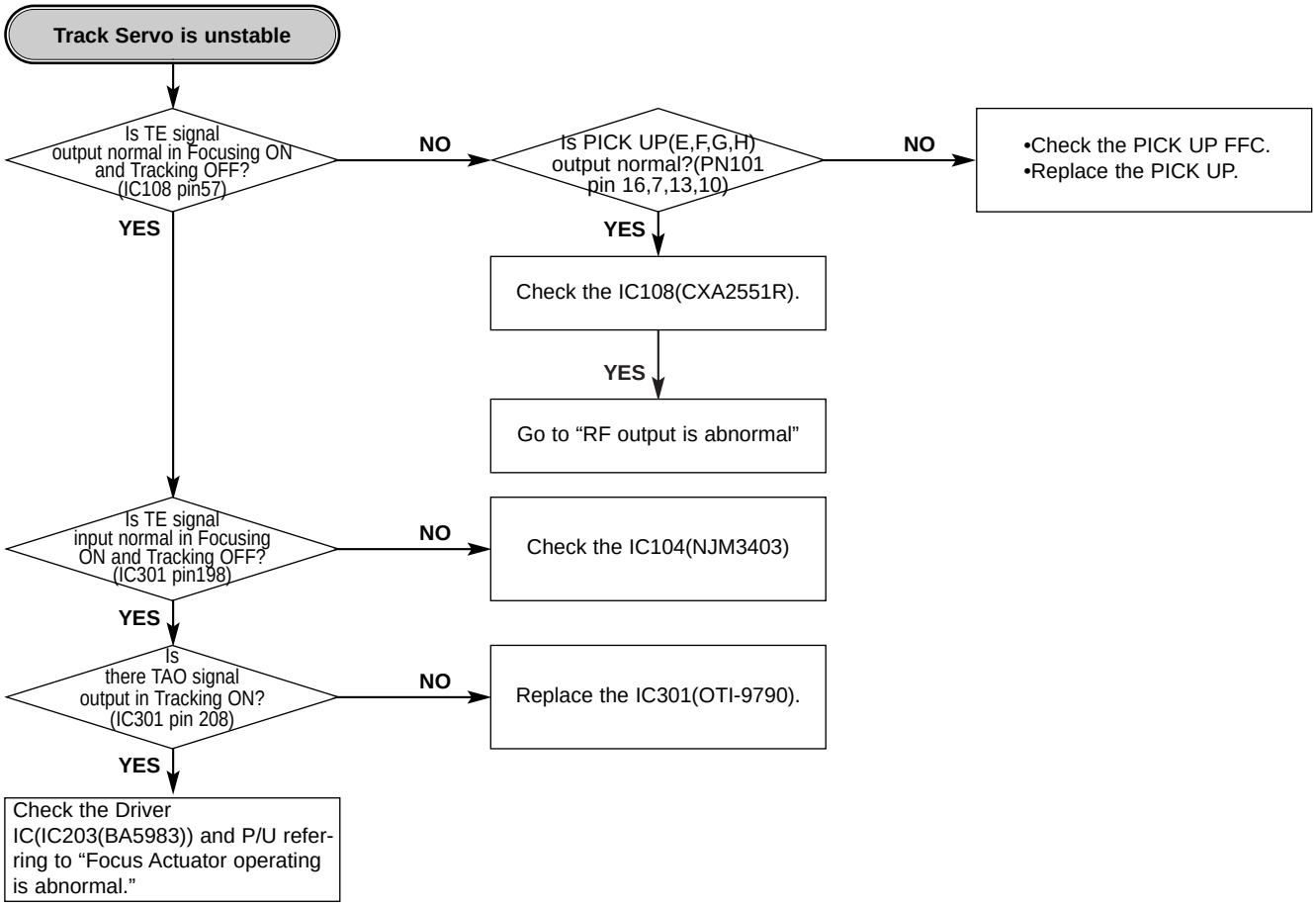

Spindle control is abnormal 2 (CD-ROM Disc)
Is there RRF signal input? (IC103 pin 3)
NO
Go to “RF output is abnormal”
YES
Is there RFDC signal input? (IC108 pin 85)
NO
Replace the IC103(EL2245).
YES
Does Tracking Servo operate normally?
NO
Go to “Track servo is unstable”
YES
Go to “Disc recognition is abnormal”

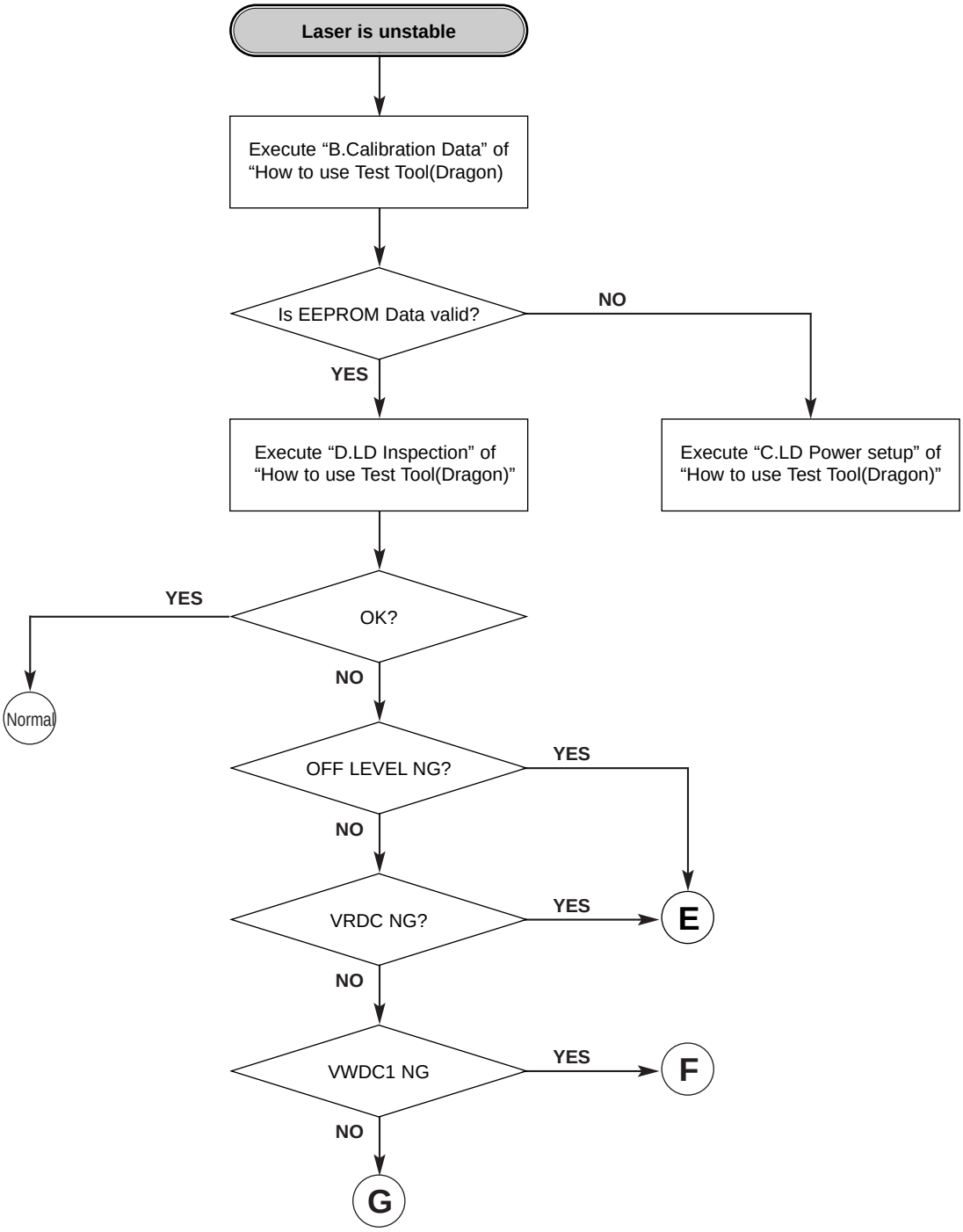

Spindle control is abnormal 3
Is there WBLIN signal input? (IC301 pin 132)
NO
Is there ATFM signal output? (IC108 pin 25)
NO
Go to “RF output is abnormal”
YES
YES
Replace the IC108(CXA2551R).
Is there DMO signal output? (IC301 pin 2)
NO
Replace the IC301(OTI-9790).
YES
Go to “Spindle operating is abnormal”


Disc recognition is abnormal
Is there CDR/RW signal input normally?(IC301 pin 33)
NO
Is there RECD1, RECD2 signal output normally? (IC108 pin 80,81)
NO
Go to “RF output is abnormal”
YES
YES
Go to “Track Servo is unstable”
Replace IC320 (MICOM)

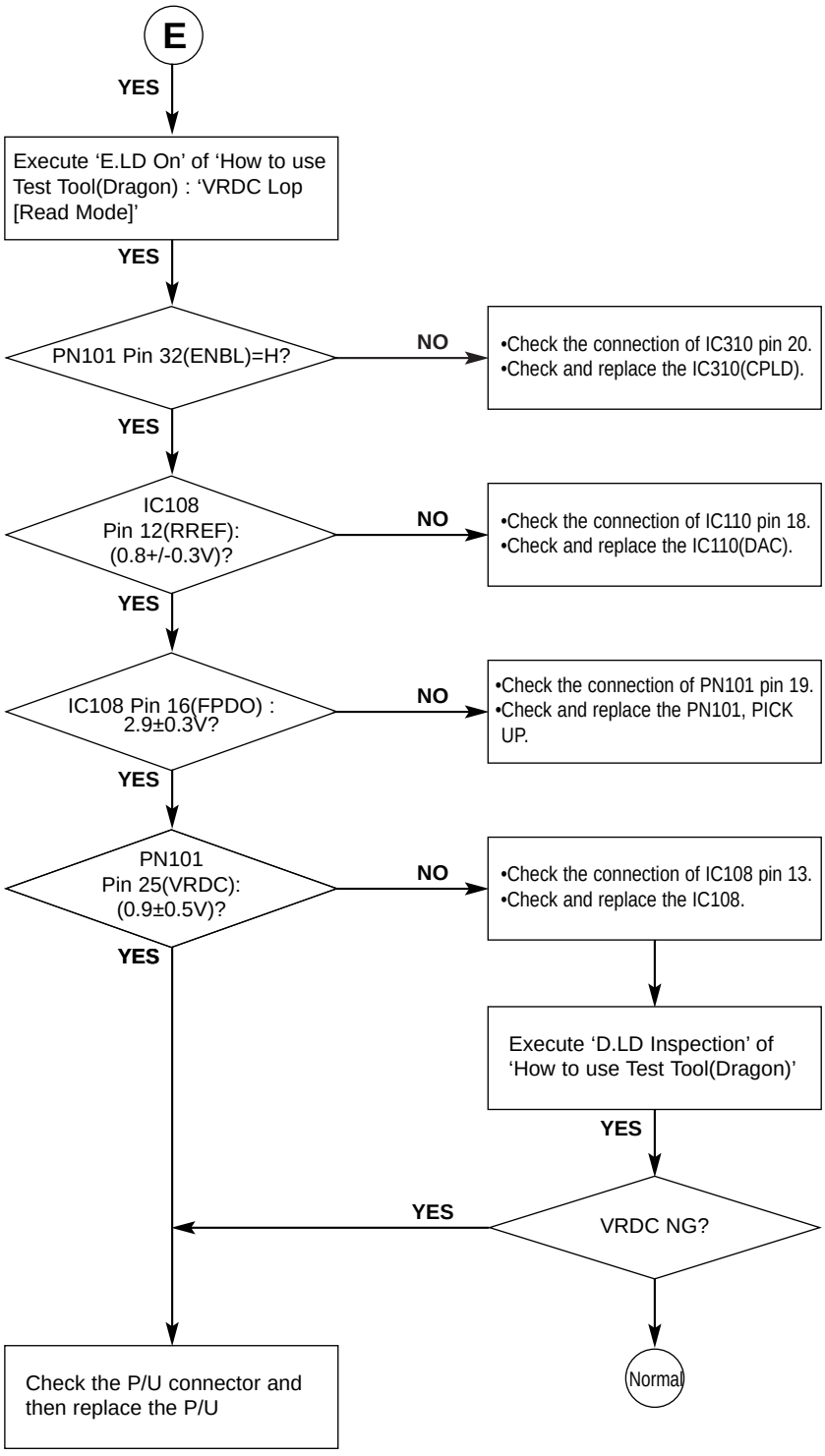

RF output is abnormal
Is there PICK UP(A,B,C,D) output normally? (PN101 pin 8,9, 14,15)
NO
•Check the PICK UP FFC.
•Replace the PICK UP
NO
Go to “Laser is abnormal”
YES
Is RRF signal output normal?(IC108 pin 86)
•First Recognition try : Over 1.7 Vpp
•Second Recognition try : Over 0.5 Vpp
NO
•Check the connection between PN101 and IC108.
•Replace the IC108(CXA2551R).
YES
OK


Focus Servo is unstable
Is FE signal output normal in Focusing Up/Down? (IC108 pin 56)
NO
Check the IC108(CXA2551R).
YES
Go to “RF output is abnormal”
Is FAO signal output normal in Focusing Up/Down? (IC301 pin 207)
NO
Replace the IC301(OTI-9790).
Go to “Focus Actuator operating is abnormal”

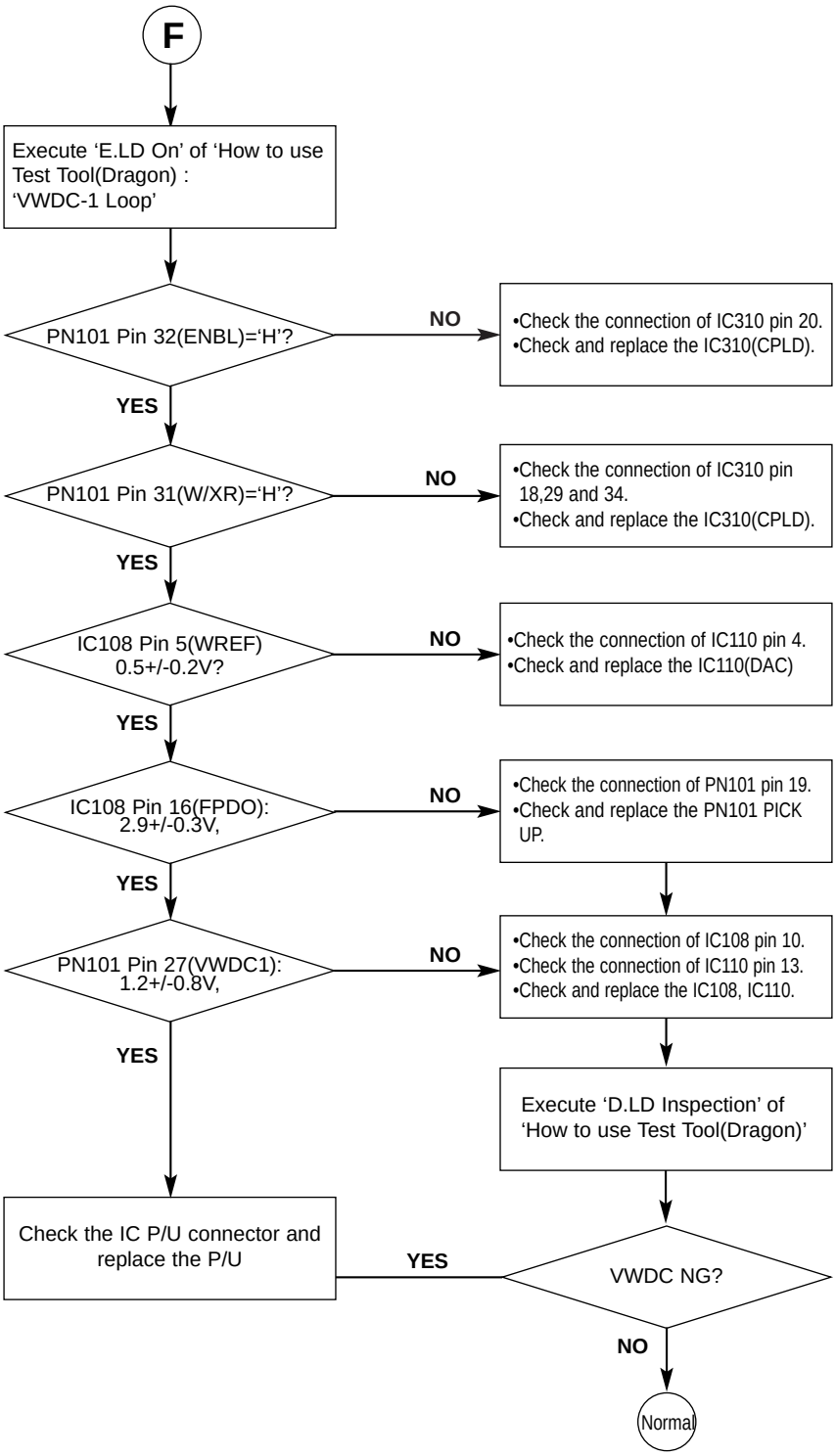

Track Servo is unstable
Is TE signal output normal in Focusing ON and Tracking OFF? (IC108 pin57)
NO
Is PICK UP(E,F,G,H) output normal?(PN101 pin 16,7,13,10)
NO
•Check the PICK UP FFC.
•Replace the PICK UP.
YES
YES
Check the IC108(CXA2551R).
YES
Go to “RF output is abnormal”
Is TE signal input normal in Focusing ON and Tracking OFF? (IC301 pin198)
NO
Check the IC104(NJM3403)
YES
Is there TAO signal output in Tracking ON? (IC301 pin 208)
NO
Replace the IC301(OTI-9790).
YES
Check the Driver IC(IC203(BA5983)) and P/U referring to “Focus Actuator operating is abnormal.”

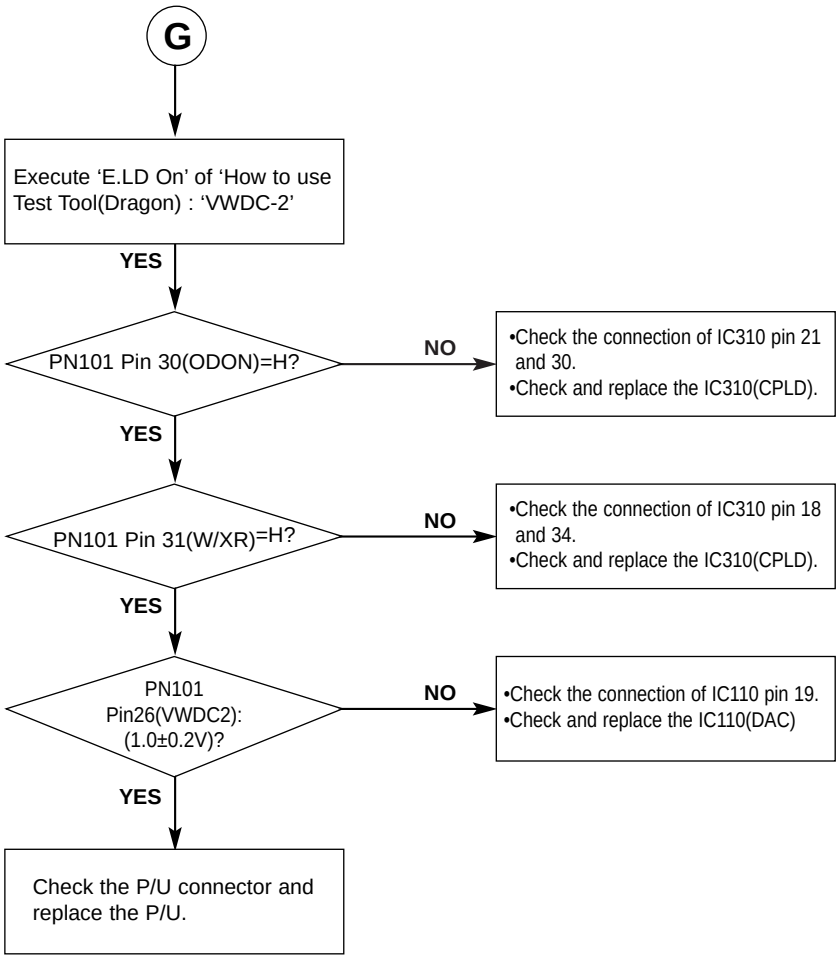

Laser is unstable
Execute “B.Calibration Data” of “How to use Test Tool(Dragon)
Is EEPROM Data valid?
NO
YES
Execute “D.LD Inspection” of “How to use Test Tool(Dragon)”
Execute “C.LD Power setup” of “How to use Test Tool(Dragon)”
YES
OK?
NO
Normal
OFF LEVEL NG?
YES
NO
VRDC NG?
YES
E
NO
VWDC1 NG
YES
F
NO
G

LD CHECK (Not Read)

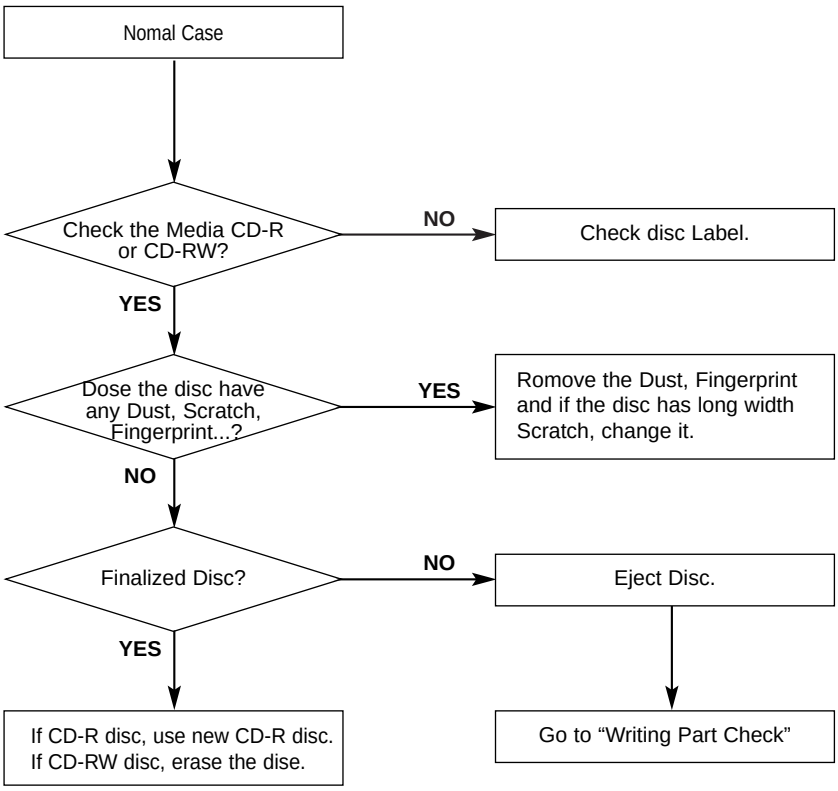


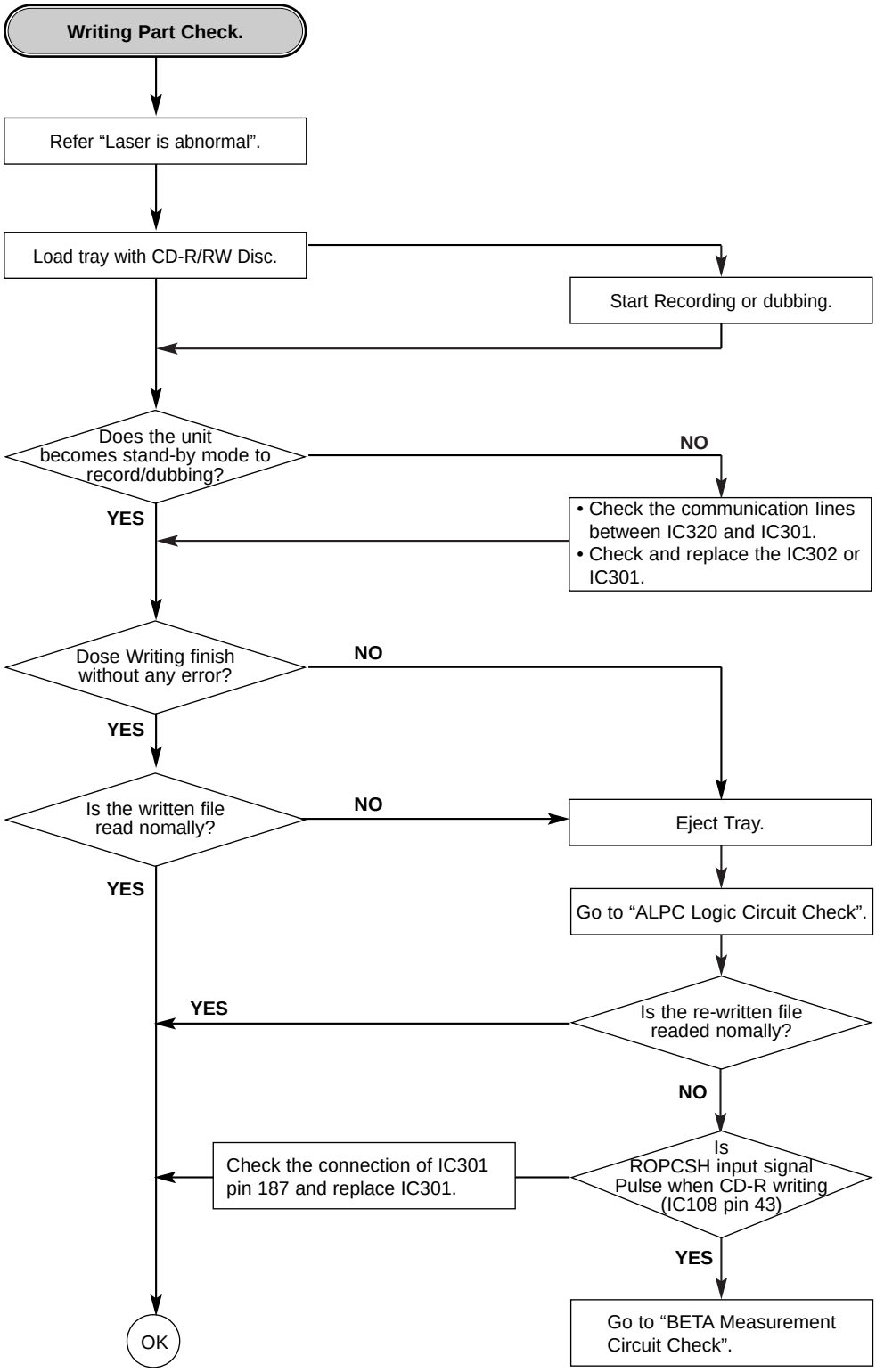
LD CHECK (Not Recored)

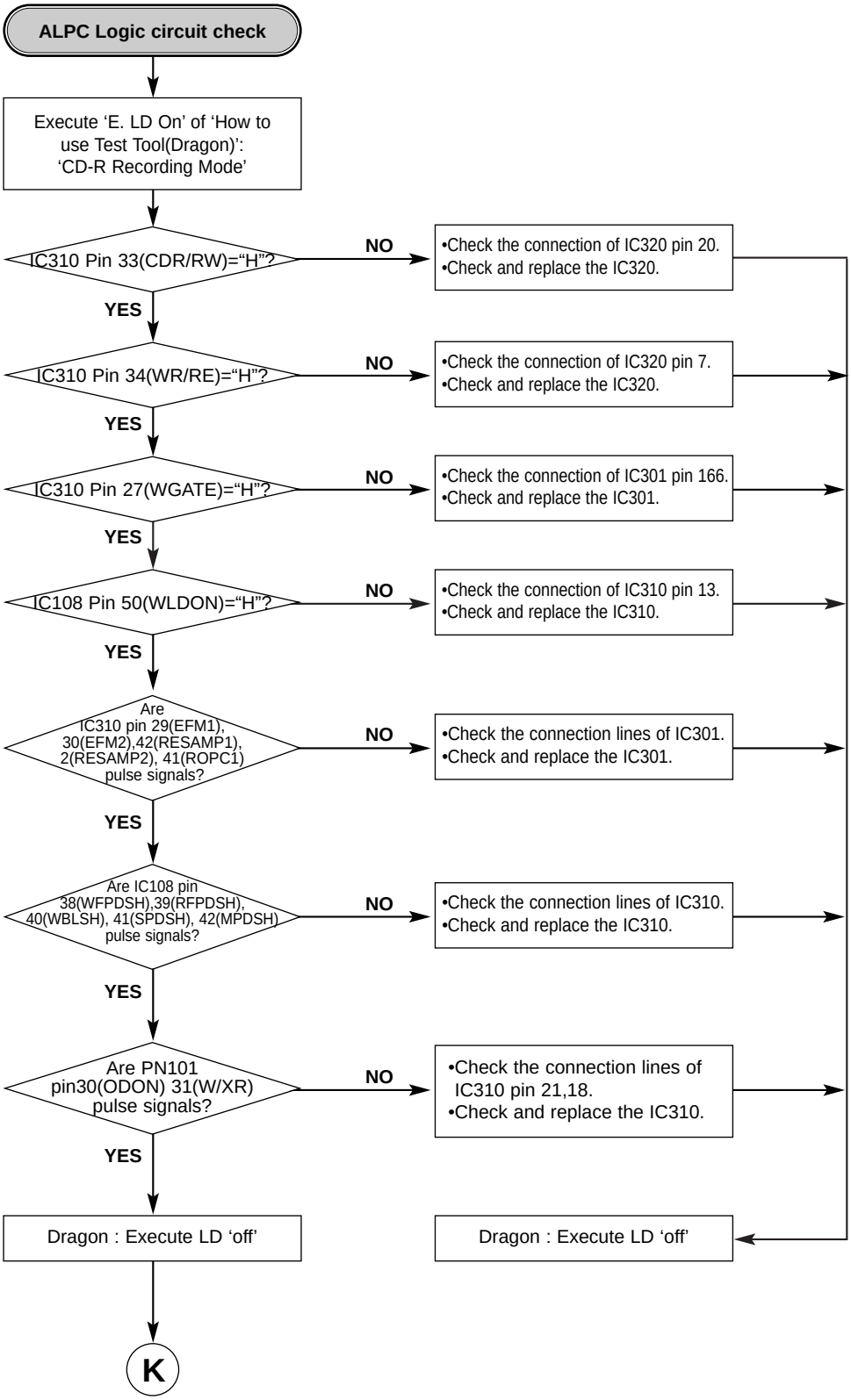

F
Execute 'E.LD On' of 'How to use Test Tool(Dragon) : 'VWDC-1 Loop'
PN101 Pin 32(ENBL)='H'?
NO
•Check the connection of IC310 pin 20.
•Check and replace the IC310(CPLD).
YES
PN101 Pin 31(W/XR)='H'?
NO
•Check the connection of IC310 pin 18,29 and 34.
•Check and replace the IC310(CPLD).
YES
IC108 Pin 5(WREF) 0.5+/-0.2V?
NO
•Check the connection of IC110 pin 4.
•Check and replace the IC110(DAC)
YES
IC108 Pin 16(FPDO): 2.9+/-0.3V,
NO
•Check the connection of PN101 pin 19.
•Check and replace the PN101 PICK UP.
YES
PN101 Pin 27(VWDC1): 1.2+/-0.8V,
NO
•Check the connection of IC108 pin 10.
•Check the connection of IC110 pin 13.
•Check and replace the IC108, IC110.
YES
Execute 'D.LD Inspection' of 'How to use Test Tool(Dragon)'
Check the IC P/U connector and replace the P/U
YES
VWDC NG?
NO
Normal

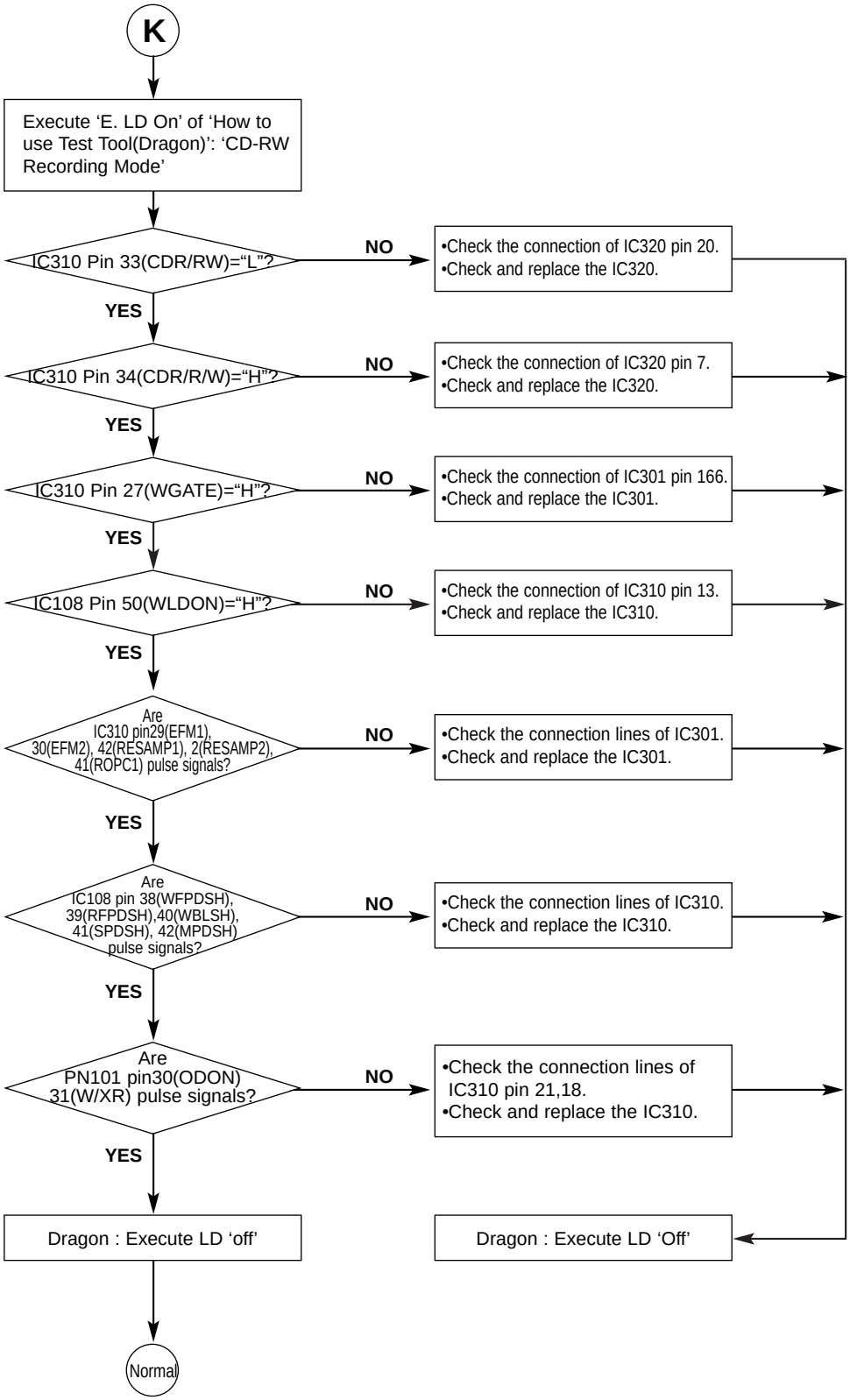

G
Execute ‘E.LD On’ of ‘How to use Test Tool(Dragon) : ‘VWDC-2’
YES
PN101 Pin 30(ODON)=H?
NO
•Check the connection of IC310 pin 21 and 30.
•Check and replace the IC310(CPLD).
YES
PN101 Pin 31(W/XR)=H?
NO
•Check the connection of IC310 pin 18 and 34.
•Check and replace the IC310(CPLD).
YES
PN101 Pin26(VWDC2): (1.0±0.2V)?
NO
•Check the connection of IC110 pin 19.
•Check and replace the IC110(DAC)
YES
Check the P/U connector and replace the P/U.

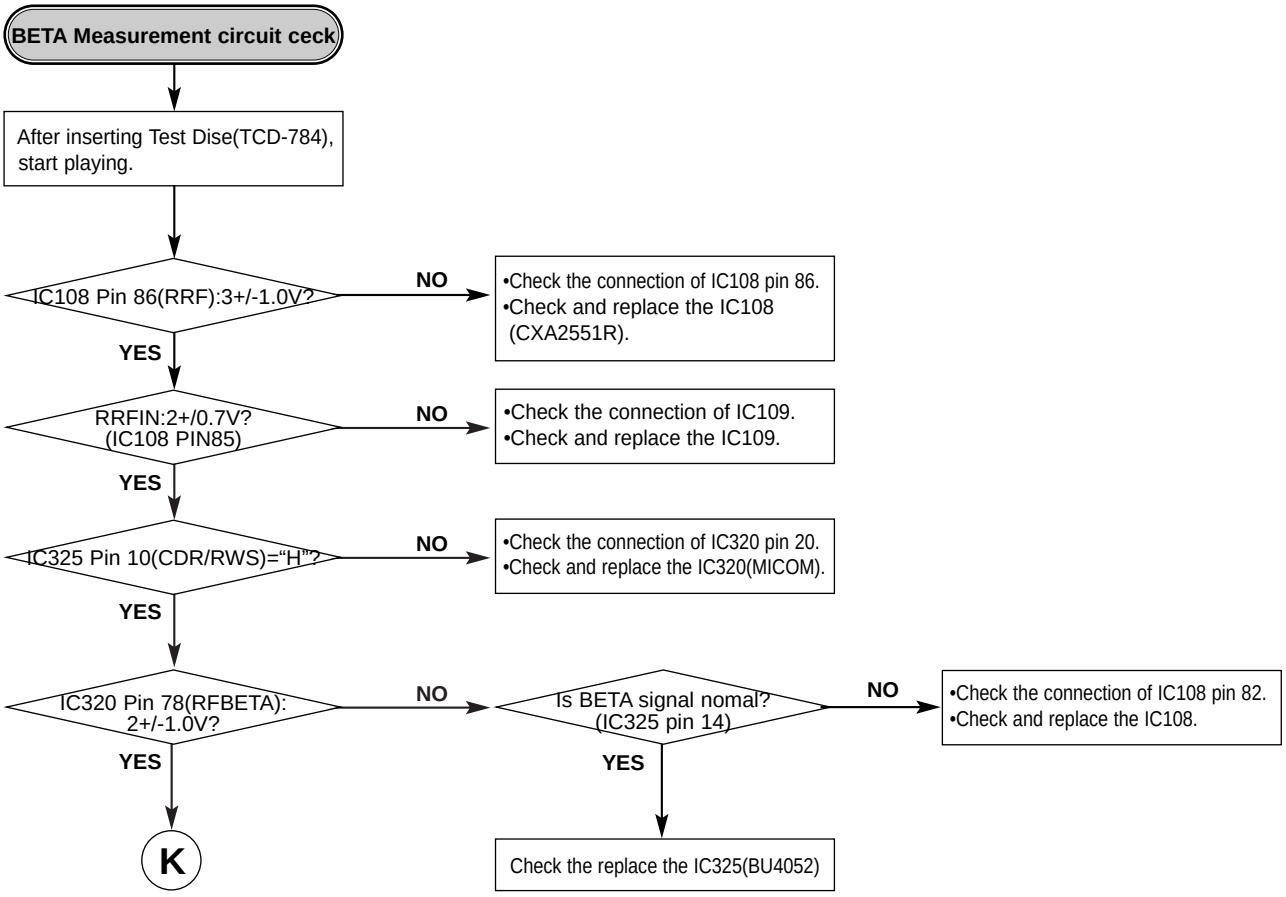
In case of writing fail.




Writing Part Check.
Refer “Laser is abnormal”.
Load tray with CD-R/RW Disc.
Start Recording or dubbing.
Does the unit becomes stand-by mode to record/dubbing?
NO
YES
• Check the communication lines between IC320 and IC301.
• Check and replace the IC302 or IC301.
Dose Writing finish without any error?
NO
YES
Is the written file read nomally?
NO
Eject Tray.
YES
Go to “ALPC Logic Circuit Check”.
Is the re-written file readed nomally?
YES
NO
Is ROPCSH input signal Pulse when CD-R writing (IC108 pin 43)
Check the connection of IC301 pin 187 and replace IC301.
YES
Go to “BETA Measurement Circuit Check”.
OK


ALPC Logic circuit check
Execute 'E. LD On' of 'How to use Test Tool(Dragon)': 'CD-R Recording Mode'
IC310 Pin 33(CDR/RW)="H"?
NO
•Check the connection of IC320 pin 20.
•Check and replace the IC320.
YES
IC310 Pin 34(WR/RE)="H"?
NO
•Check the connection of IC320 pin 7.
•Check and replace the IC320.
YES
IC310 Pin 27(WGATE)="H"?
NO
•Check the connection of IC301 pin 166.
•Check and replace the IC301.
YES
IC108 Pin 50(WLDON)="H"?
NO
•Check the connection of IC310 pin 13.
•Check and replace the IC310.
YES
Are IC310 pin 29(EFM1), 30(EFM2),42(RESAMP1), 2(RESAMP2), 41(ROPC1) pulse signals?
NO
•Check the connection lines of IC301.
•Check and replace the IC301.
YES
Are IC108 pin 38(WFPDSH),39(RFPDSH), 40(WBLSH), 41(SPDSH), 42(MPDSH) pulse signals?
NO
•Check the connection lines of IC310.
•Check and replace the IC310.
YES
Are PN101 pin30(ODON) 31(W/XR) pulse signals?
NO
•Check the connection lines of IC310 pin 21,18.
•Check and replace the IC310.
YES
Dragon : Execute LD 'off'
Dragon : Execute LD 'off'
K

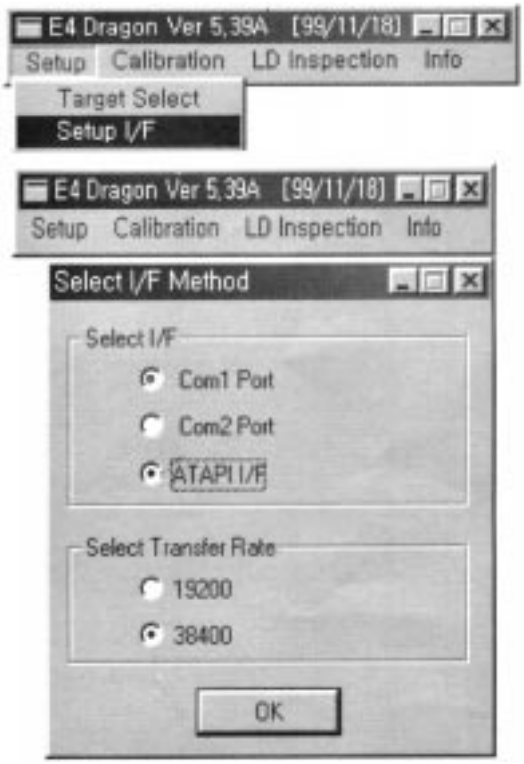

K
Execute ‘E. LD On’ of ‘How to use Test Tool(Dragon)’: ‘CD-RW Recording Mode’
IC310 Pin 33(CDR/RW)=“L”?
NO
•Check the connection of IC320 pin 20.
•Check and replace the IC320.
YES
IC310 Pin 34(CDR/R/W)=“H”?
NO
•Check the connection of IC320 pin 7.
•Check and replace the IC320.
YES
IC310 Pin 27(WGATE)=“H”?
NO
•Check the connection of IC301 pin 166.
•Check and replace the IC301.
YES
IC108 Pin 50(WLDON)=“H”?
NO
•Check the connection of IC310 pin 13.
•Check and replace the IC310.
YES
Are IC310 pin29(EFM1), 30(EFM2), 42(RESAMP1), 2(RESAMP2), 41(ROPC1) pulse signals?
NO
•Check the connection lines of IC301.
•Check and replace the IC301.
YES
Are IC108 pin 38(WFPDSH), 39(RFPDSH),40(WBLSH), 41(SPDSH), 42(MPDSH) pulse signals?
NO
•Check the connection lines of IC310.
•Check and replace the IC310.
YES
Are PN101 pin30(ODON) 31(W/XR) pulse signals?
NO
•Check the connection lines of IC310 pin 21,18.
•Check and replace the IC310.
YES
Dragon : Execute LD ‘off’
Dragon : Execute LD ‘Off’
Normal


BETA Measurement circuit ceck
After inserting Test Dise(TCD-784), start playing.
IC108 Pin 86(RRF):3+/-1.0V?
NO
•Check the connection of IC108 pin 86.
•Check and replace the IC108 (CXA2551R).
YES
RRFIN:2+/0.7V? (IC108 PIN85)
NO
•Check the connection of IC109.
•Check and replace the IC109.
YES
IC325 Pin 10(CDR/RWS)="H"?
NO
•Check the connection of IC320 pin 20.
•Check and replace the IC320(MICOM).
YES
IC320 Pin 78(RFBETA): 2+/-1.0V?
NO
Is BETA signal nomal? (IC325 pin 14)
NO
•Check the connection of IC108 pin 82.
•Check and replace the IC108.
YES
YES
K
Check the replace the IC325(BU4052)

• How to use Test Tool (Dragon)

A. Start

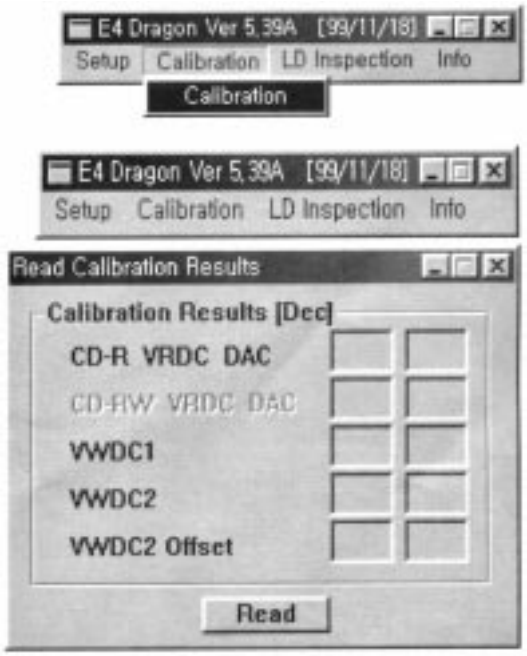
1. Connect the dragon Jig between CDR 30 and PC.
2. Execute **Dragon.exe** on Windows (Dragon.exe & dragon.cfg should be on same Directory).
3. If you use “E4 Dragon Ver xxx(E5 Dragon Ver xxx)” will be displayed on the Window.
4. Select **Setup/Setup I/F** on the menu bar.
5. Select **COM1 port** or **COM 2 port.**
6. Select transfer Rate “**38400**” and Click OK.



[I/F Setting window]

B. Check Calibration Data

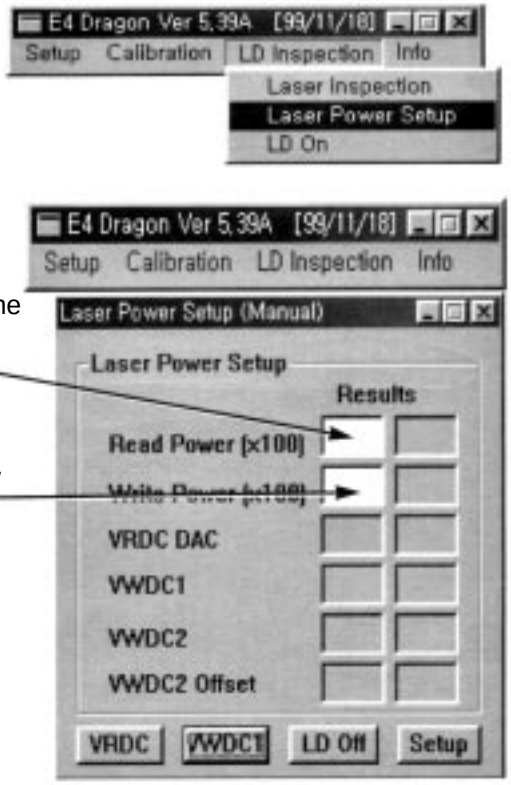
1. Select **Calibration/Calibration** on the menu bar.
2. Click **Read** on Calibration wondow. -> Calibration values display
3. **Check** Data Values.
   CD-R VRDC DAC : 30~150
   VWDC1 : 48~150
   VWDC2 : 50~120
   VWDC2 Offset : 0~35
4. **Close** Calibration window.



[Calibration window]

C. LD Power Setup (VWDC1/VWDC2 re-setup)

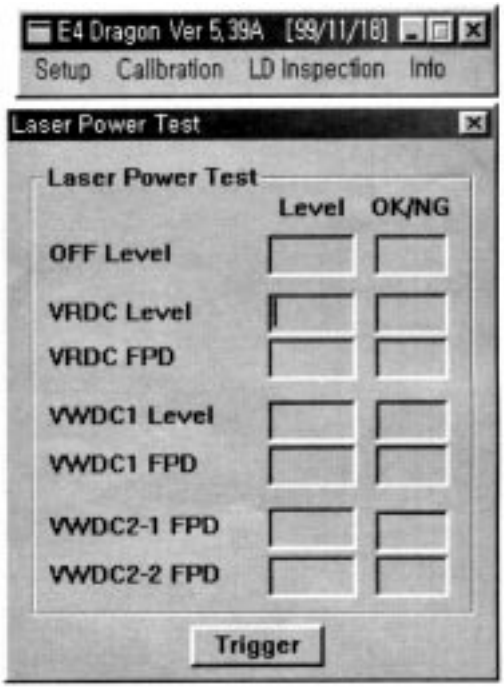
1. **Remove** disc on the tray.
2. Select **LD Inspection/Laser Power Setup** on the meun bar, and then **Laser Power Setup** window will appear in sight.
3. Setup LD Power meter (Frequency : 780nm, Measure Range : 0.01mW unit).
4. Click **VRDC** button on the **LD Power Setup** window. Pick -up will move outside and Laser beam will be emitted from LD.
5. Measure LD Power with LD Powermeter, -> **Type** the result on the blank.
   (If you don't have LD Powermeter,
   Type the P/U value **without** '.' Down to two places of decimals.
   ex) 11.34mW -> 1134
6. Click **VWDC1** button on the **LD Power Setup** window and follow above step 4~5.
7. Click Setup and Setup Result will display with **OK** or **NG.**
8. **Close** LD Power Setup window.



[LD Power Setup window]

D. LD Inspection(VRDC/VWDC/FPD Level Check)

1. **Remove** disc on the Tray.
2. Select **LD Inspestion/Laser Inspection** on the menu bar, and then **Laser Power Test** Window will appear.
3. Click **Trigger** button and the result will display with OK or NG.
4. Close **Laser Power Test** window.



[LD Power Test window]

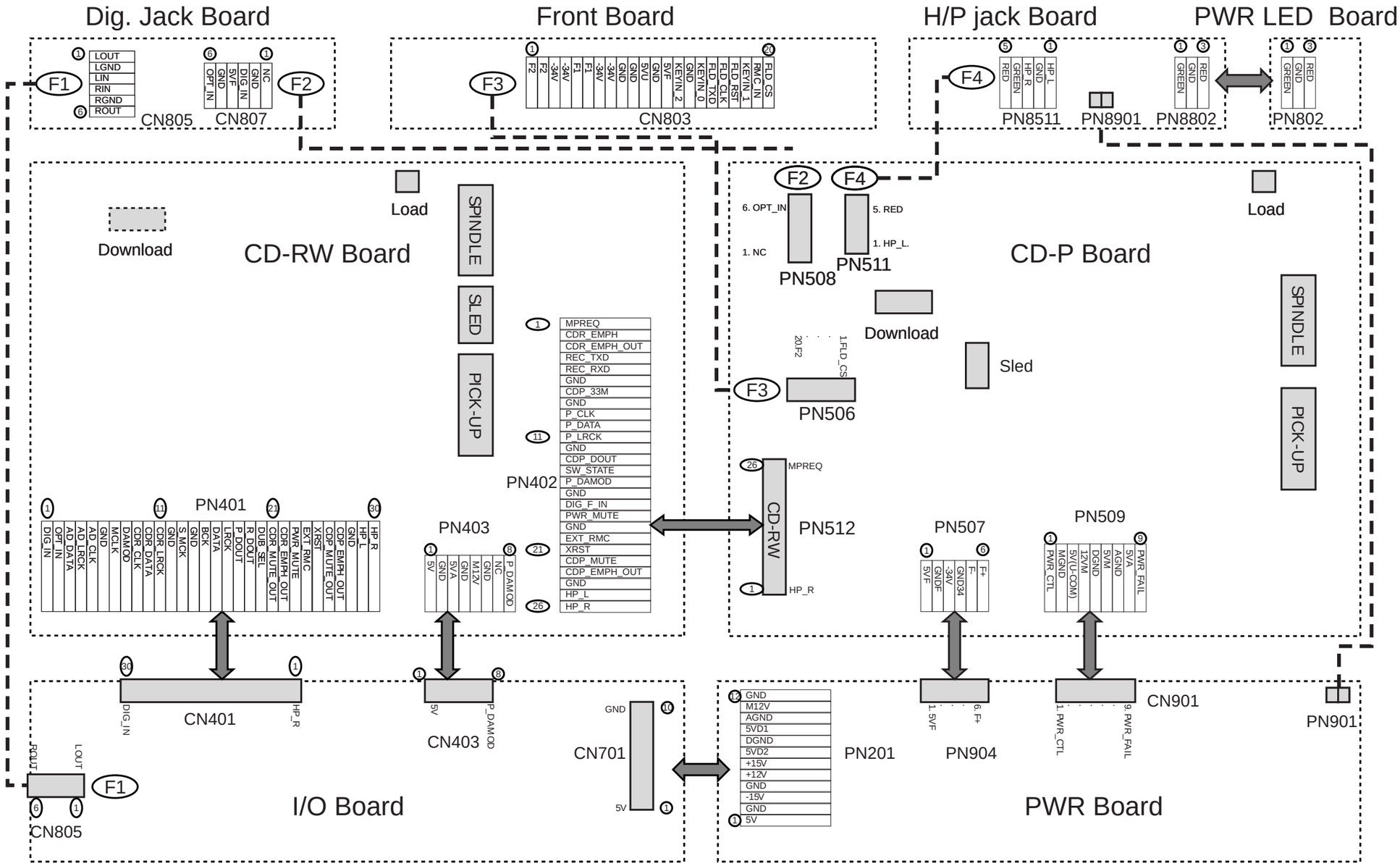
E.LD ON

1. **Remove** disc on the Tray.
2. Select **LD Inspection/LD ON** on the menu bar, and then **Laser ON** window will appear.
3. Select **LD ON Mode** and Click **On** button, then **LD On**.
4. Execute Test (Measure LD Power).
5. Click **off** button, then **LD off**.
6. Close **Laser On** window.

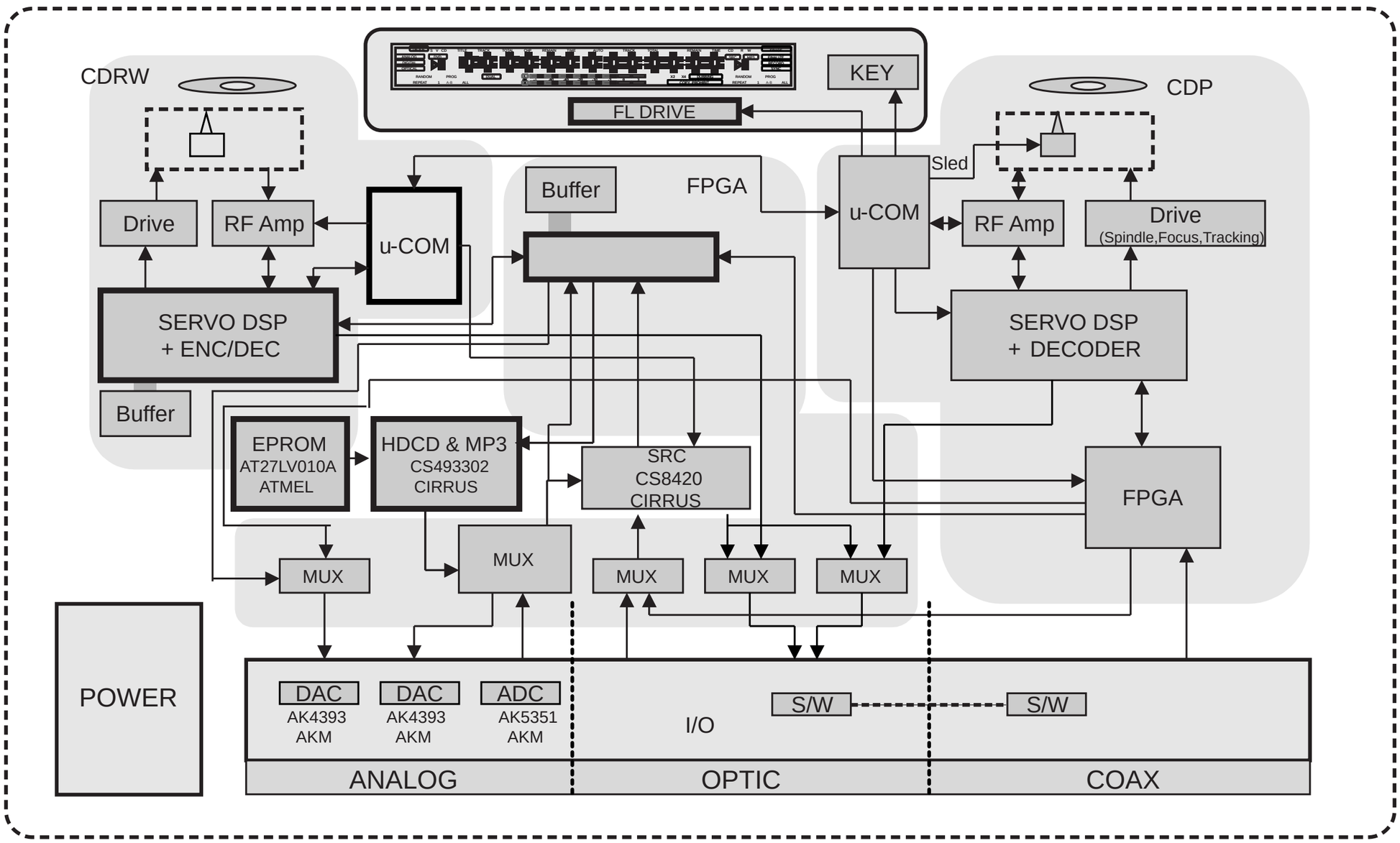
* Speed setting is valid **"CD-R Recording Mode" & "CD-RW Recording Mode".**
  Continous Laser beam is emitted in the "VRDC Loop Mode", "VWDC Loop Mode" and "VWDC-2 Mode", and Pulse_Type Laser output is emitted in the "CD-R Recording Mode" and "CD-RW Recording Mode".

[LD On window]

OVERALL WIRING DIAGRAM 1

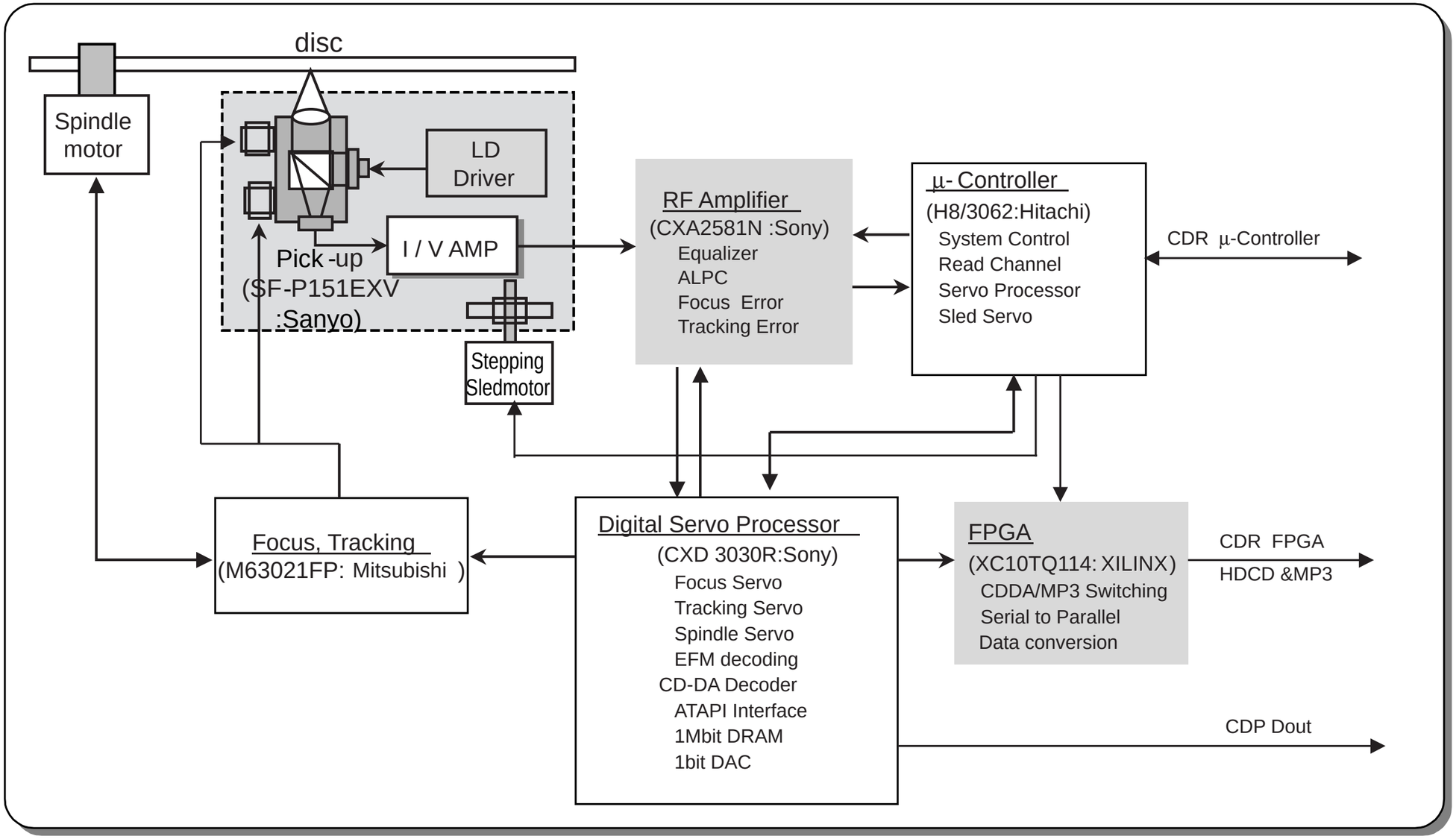


OVERALL WIRING DIAGRAM 2

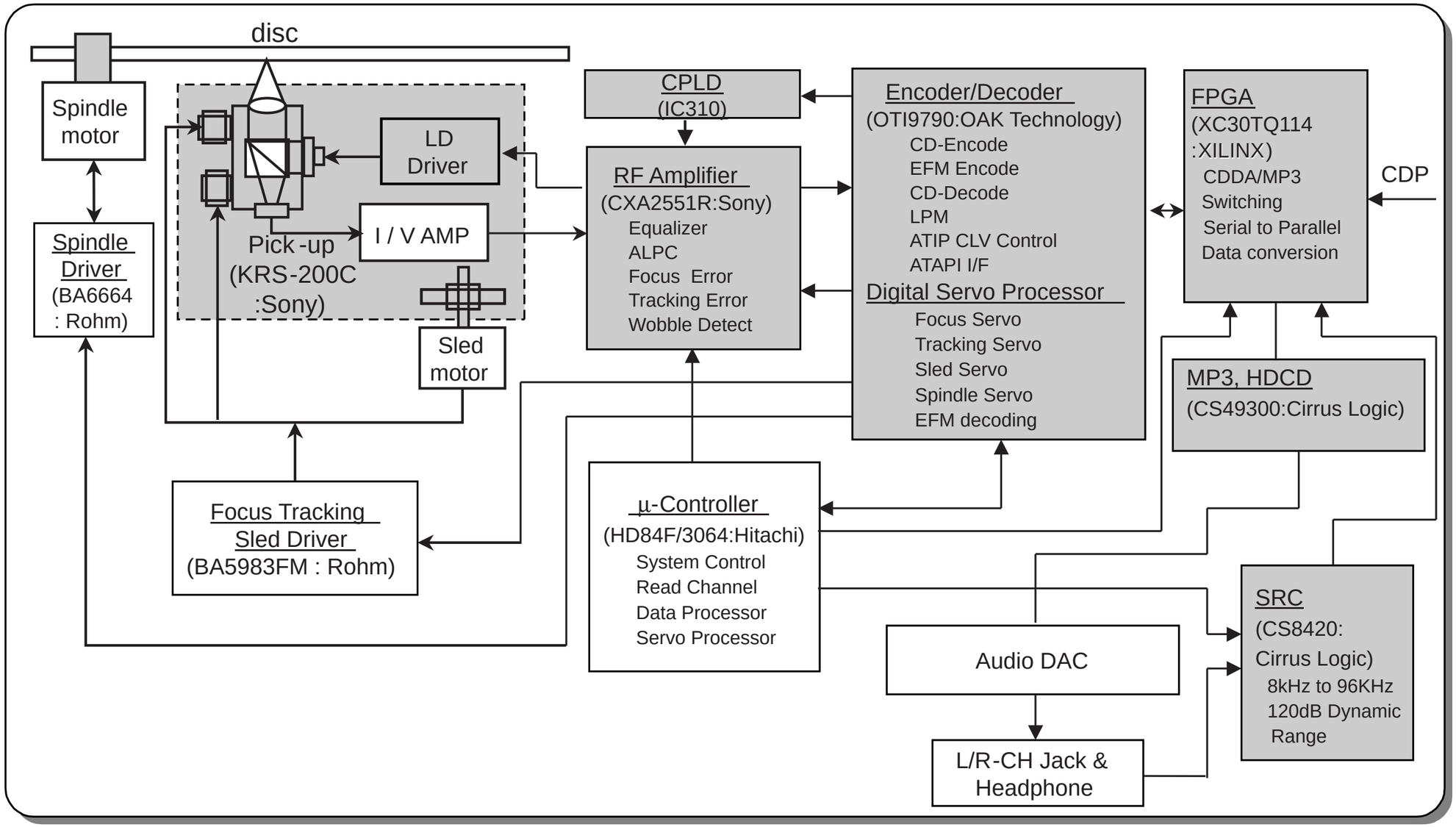


BLOCK DIAGRAM

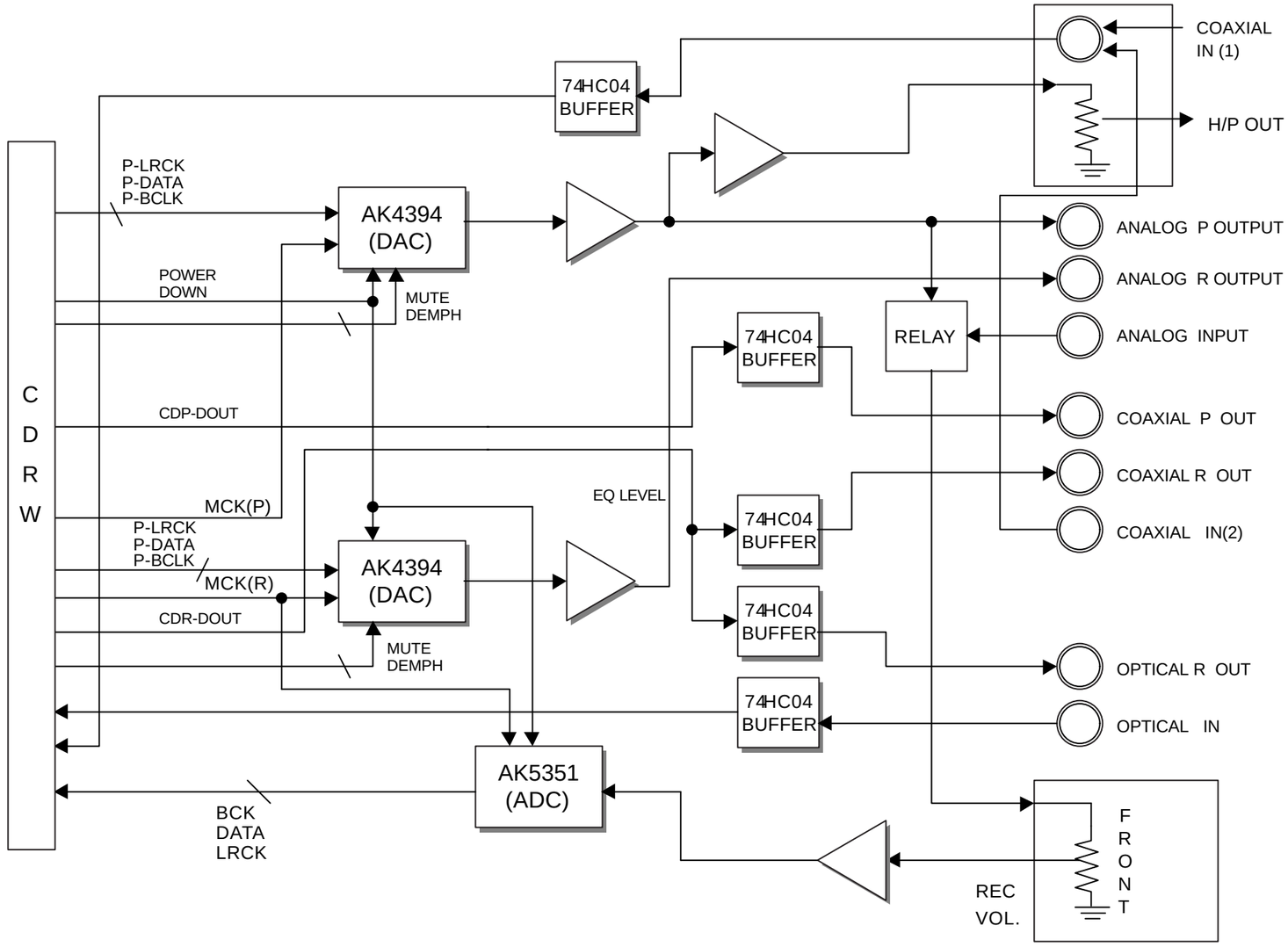
1. CD-Play Block Diagram



2. CD-Record Block Diagram

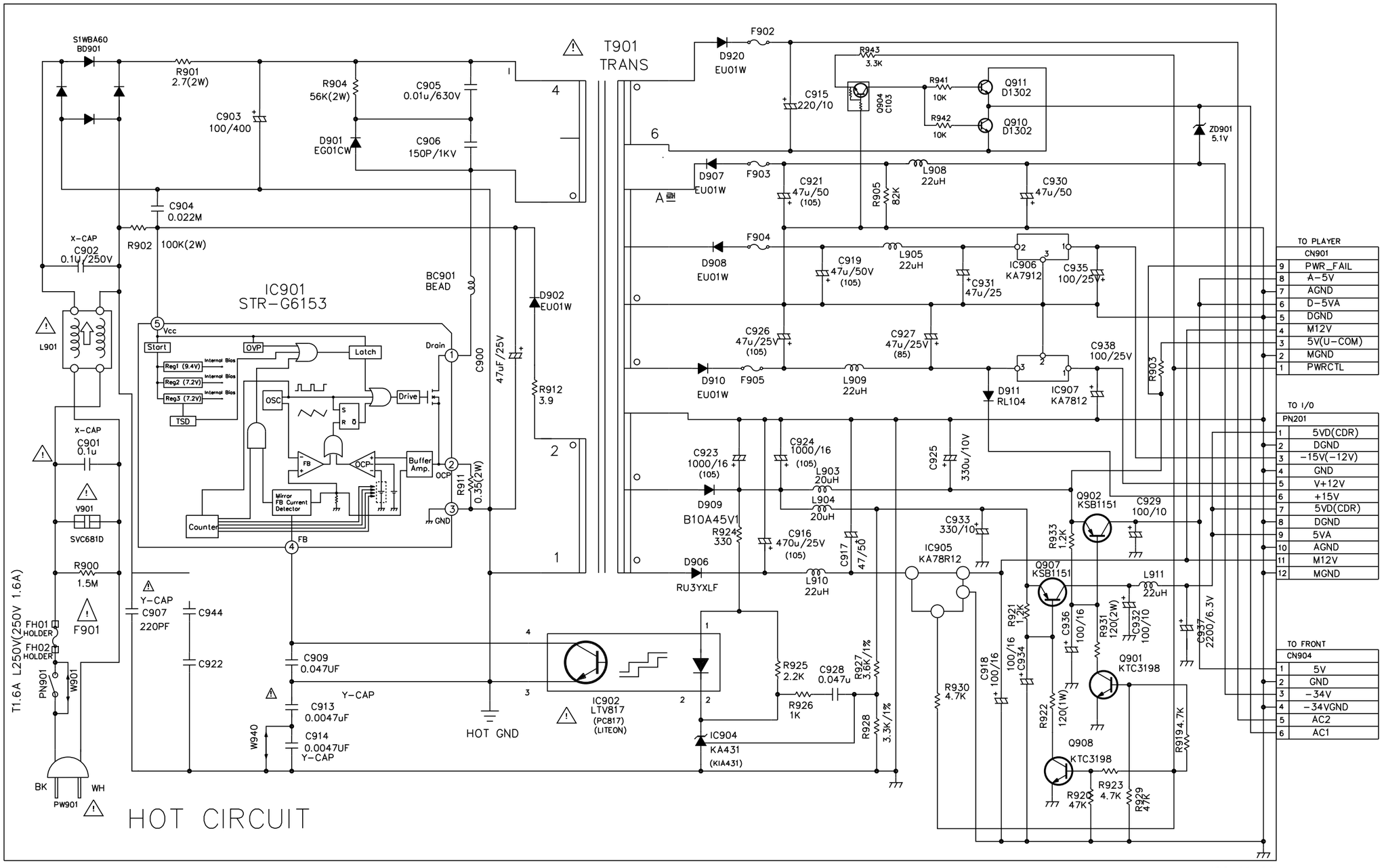


3. I/O Block Diagram



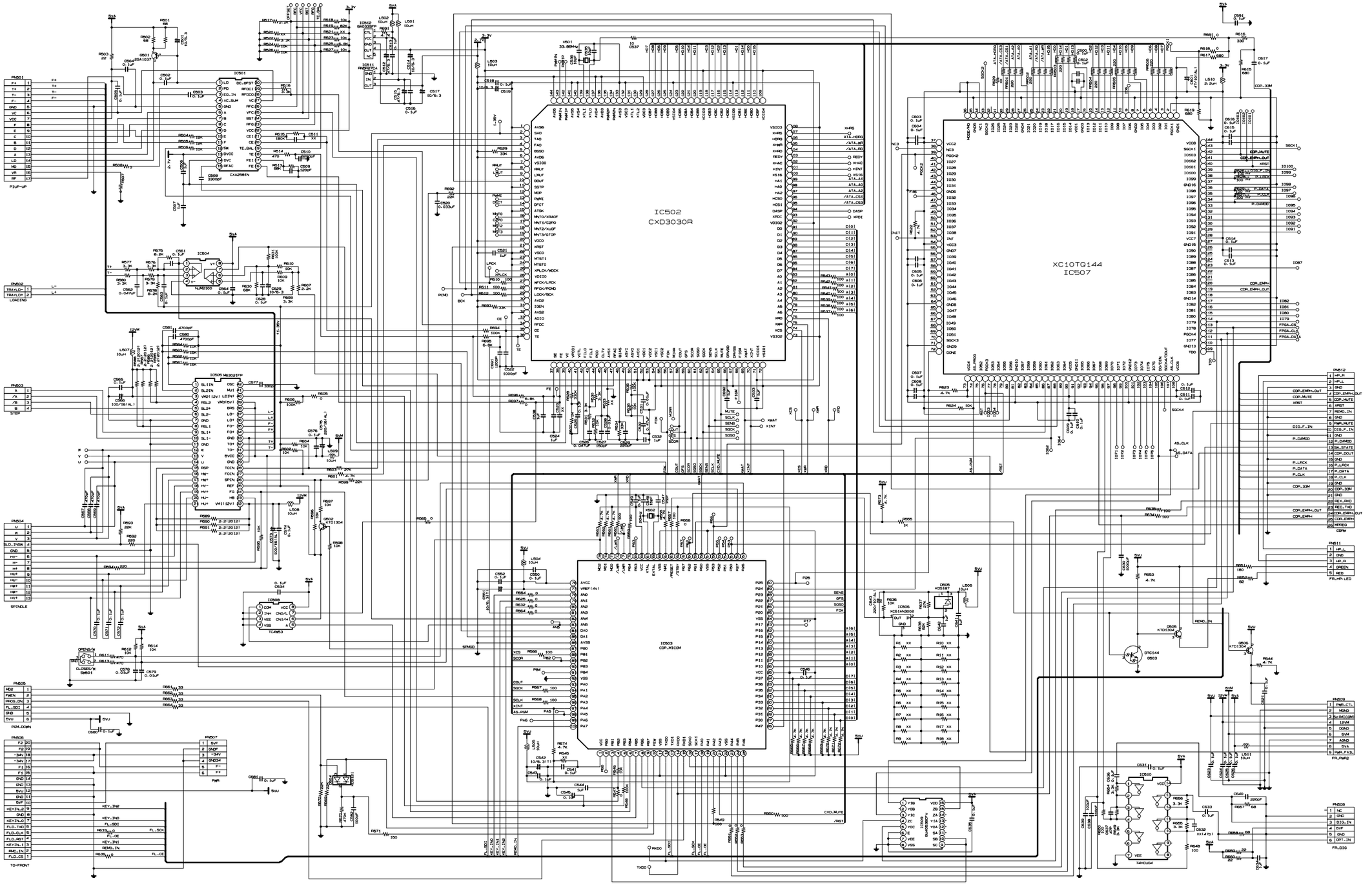
CIRCUIT DIAGRAMS

1. POWER(SMPS) CIRCUIT DIAGRAM

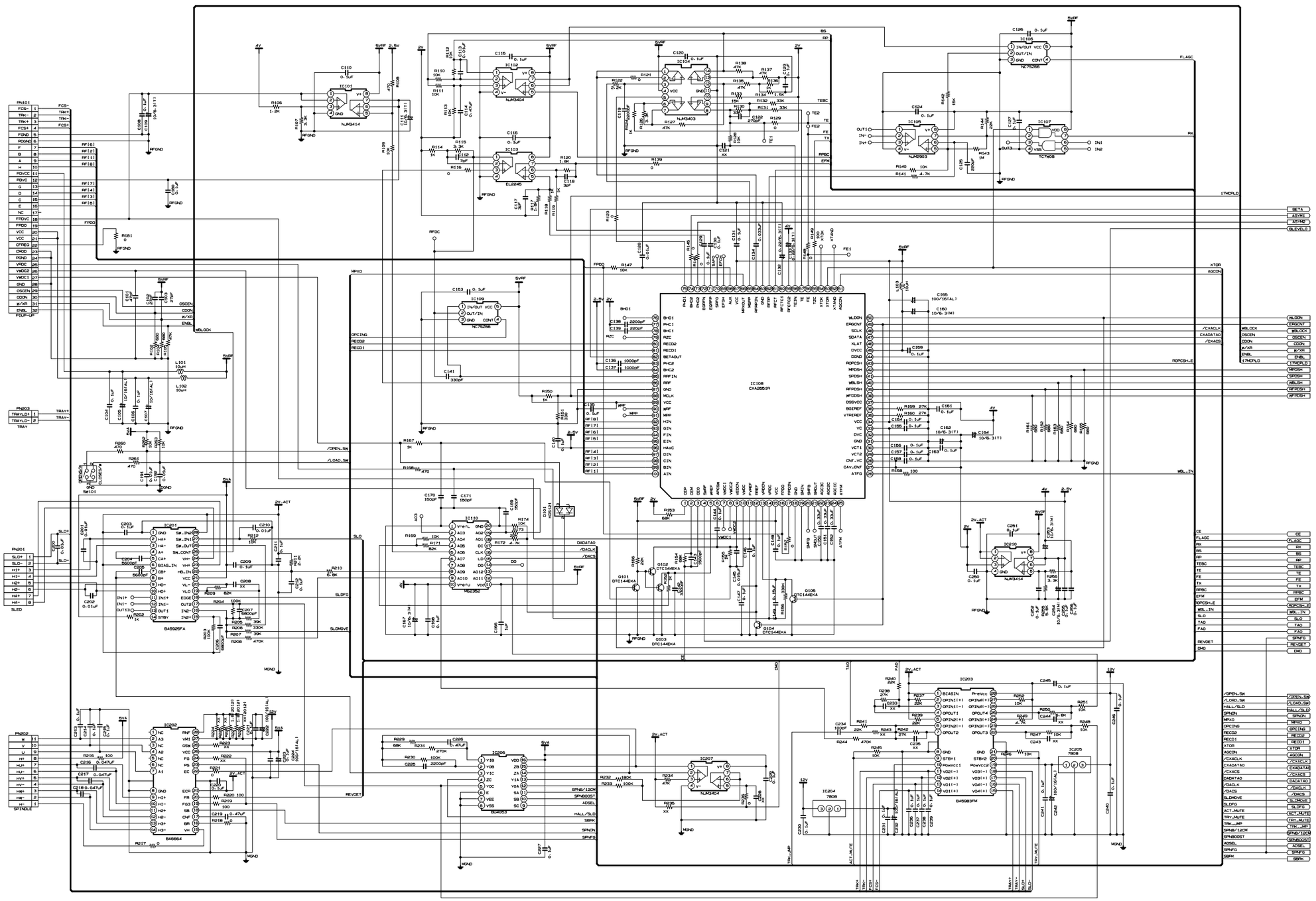


'00. 11. 10
SI2674(EUROPE)

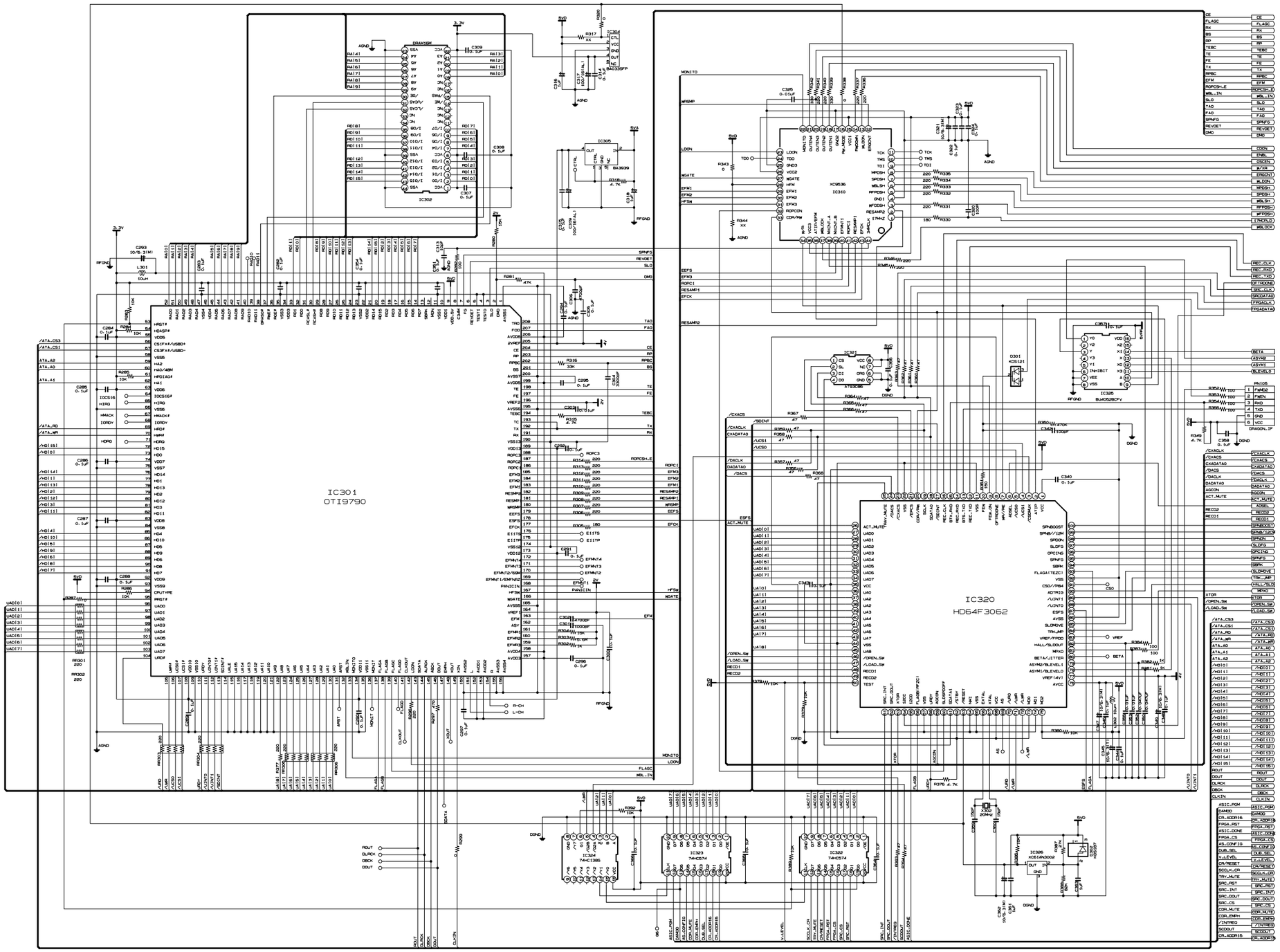
2. CD-PLAY CIRCUIT DIAGRAM



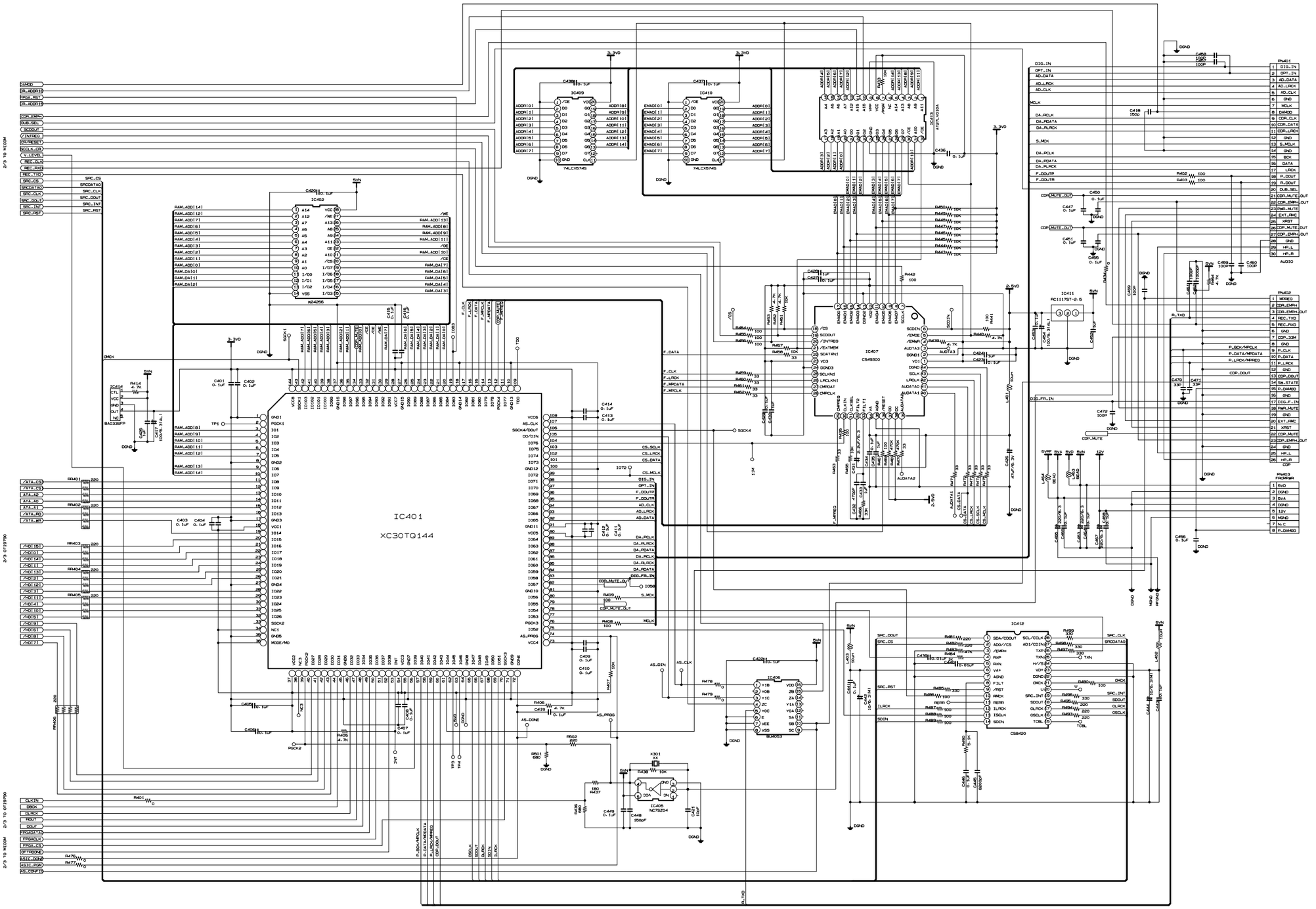
3. CD-RECORD 1 CIRCUIT DIAGRAM



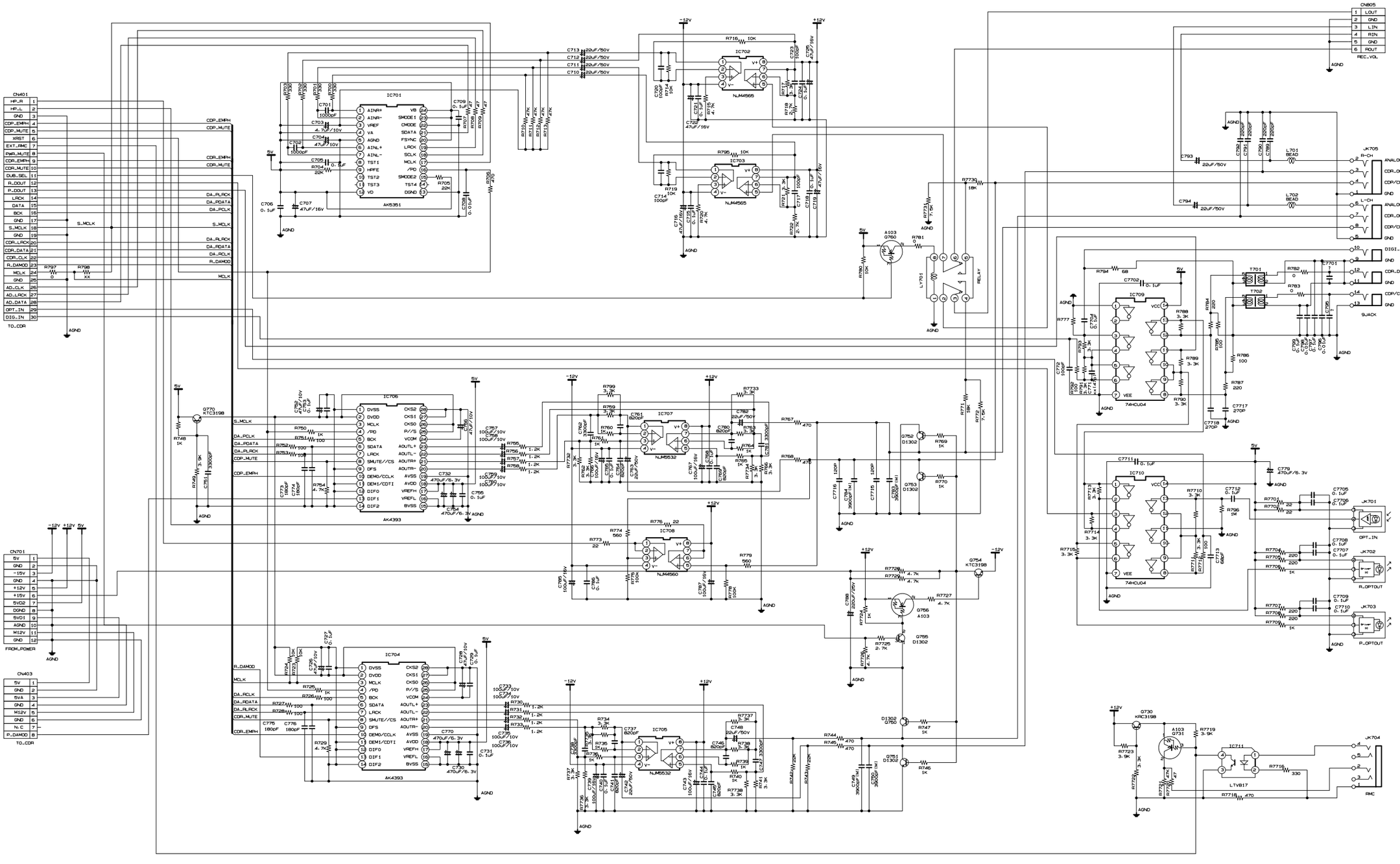
4. CD-RECORD 2 CIRCUIT DIAGRAM


IC301
0TI9790
IC302
DRAM16M
IC303
BA033FP
IC305
BA3939
IC306
XC9536
IC310
IC320
HD64F3062
IC321
AT93C66
IC322
BU4052BCFV
IC323
74HC574
IC324
74HC138S
IC325
IC326
XC61AN3002
IC327
74HC574
D301
KDS121
X301
20MHz
X302
27MHz
3.3V
5V
AGND
DGND
RFGND
MONITO
LDON
WGATE
EFM1
EFM2
HFSW
RFCON
CDRVSW
RESAMP1
RESAMP2
EFCK
EEFS
RDPCSH-E
EFM3
RDPC1
SPINFG
REVDET
SLO
DMO
TAO
FAO
BE
FE
TE
TEBC
RFBC
RP
CE
SPDIGOUT
SPDIGIN
SPDIGCLK
SPDIGSEL
SPDIGRST
SPDIGINT
SPDIGCS
SPDIGMUTE
SPDIGDOUT
SPDIGDIN
SPDIGDCLK
SPDIGDCS
SPDIGDINT
SPDIGDRST
SPDIGDMUTE
SPDIGDSEL
SPDIGDRDY
SPDIGDBUSY
SPDIGDERR
SPDIGDSTB
SPDIGDCLKO
SPDIGDDO
SPDIGDDI
SPDIGDCS

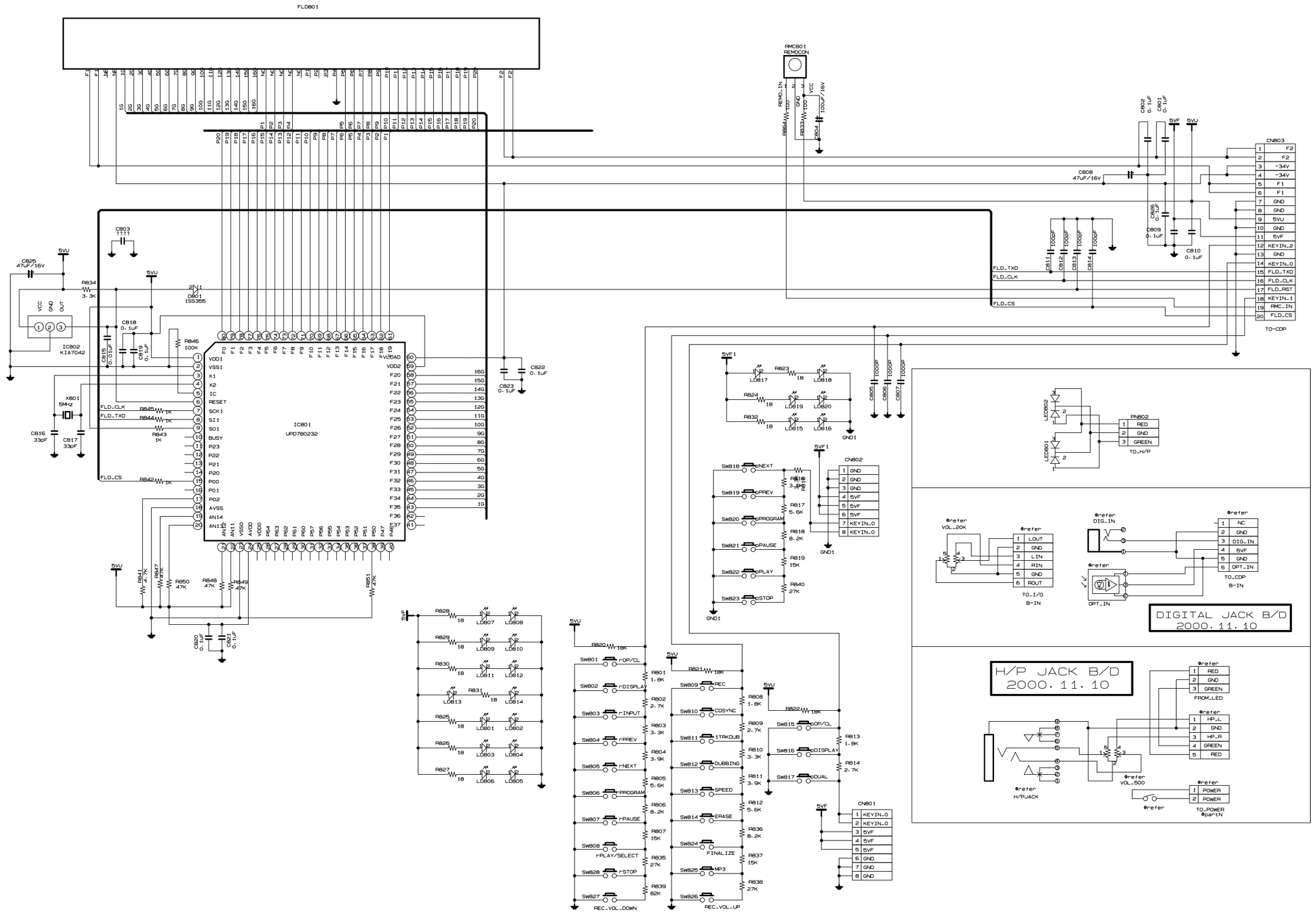
5. CD-RECORD 3 CIRCUIT DIAGRAM



6. I/O CIRCUIT DIAGRAM

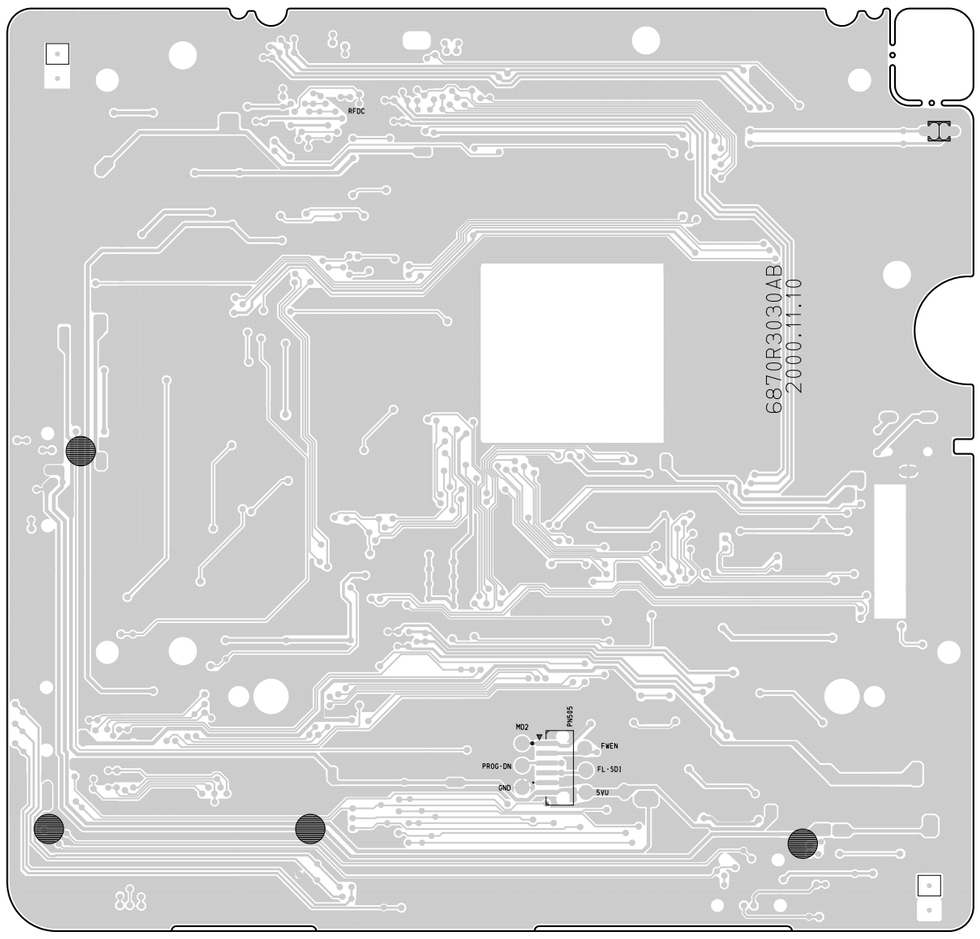


7. TIMER CIRCUIT DIAGRAM

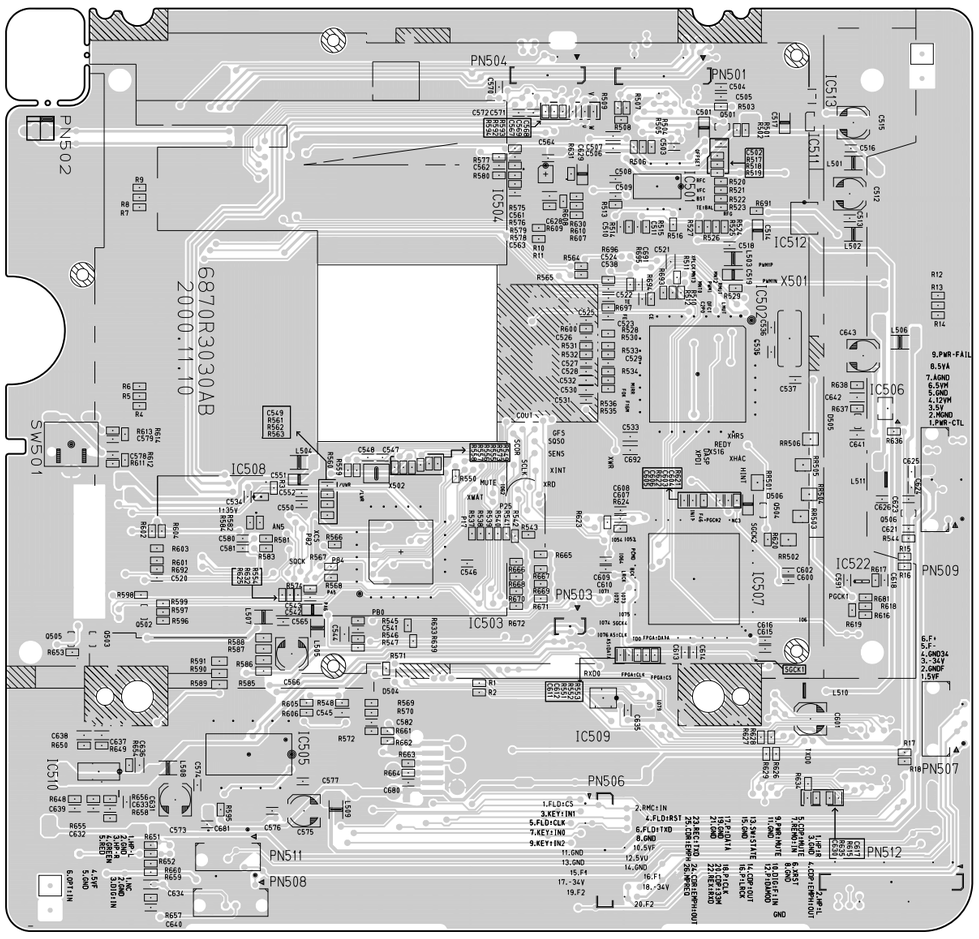


PRINTED CIRCUIT BOARD DIAGRAMS

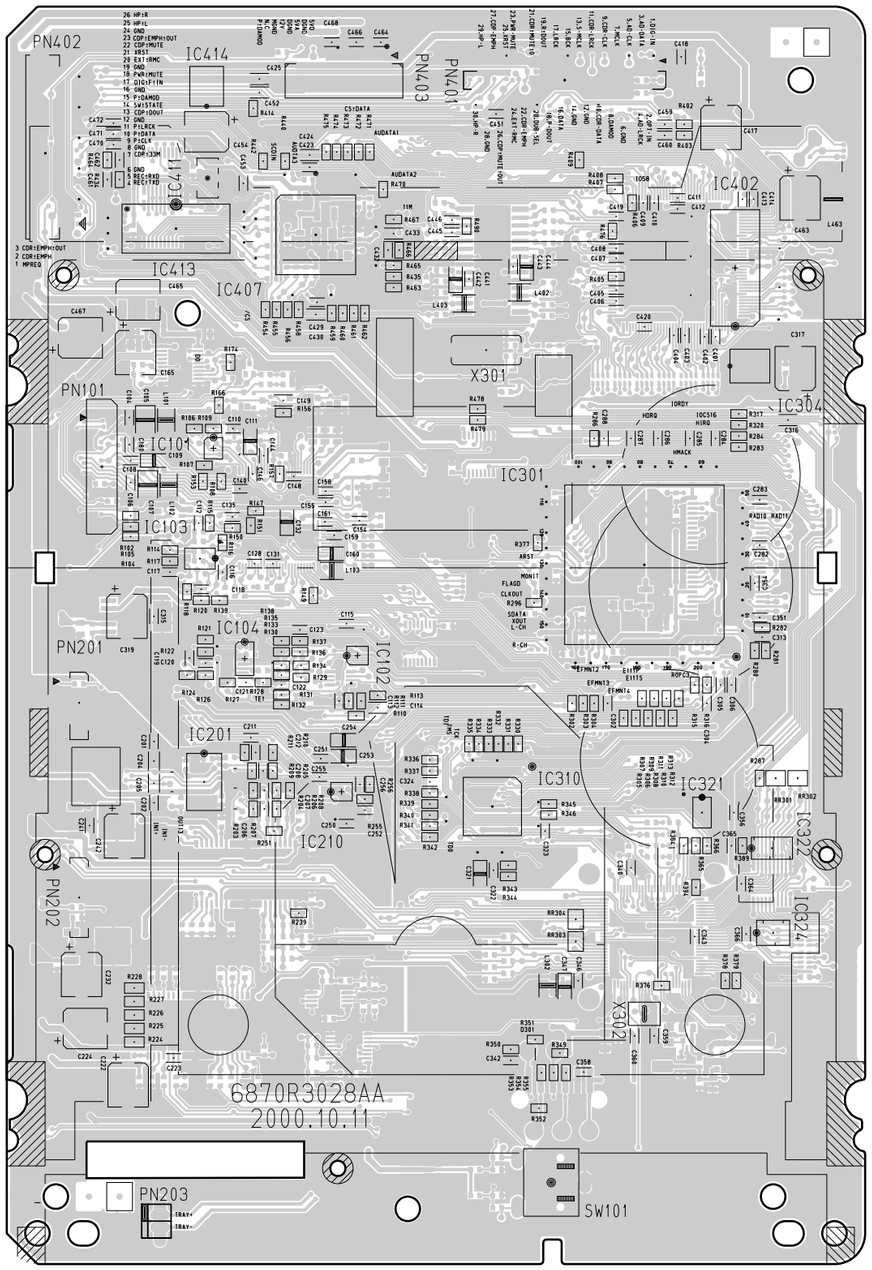
1. CD-PLAY TOP P.C.BOARD



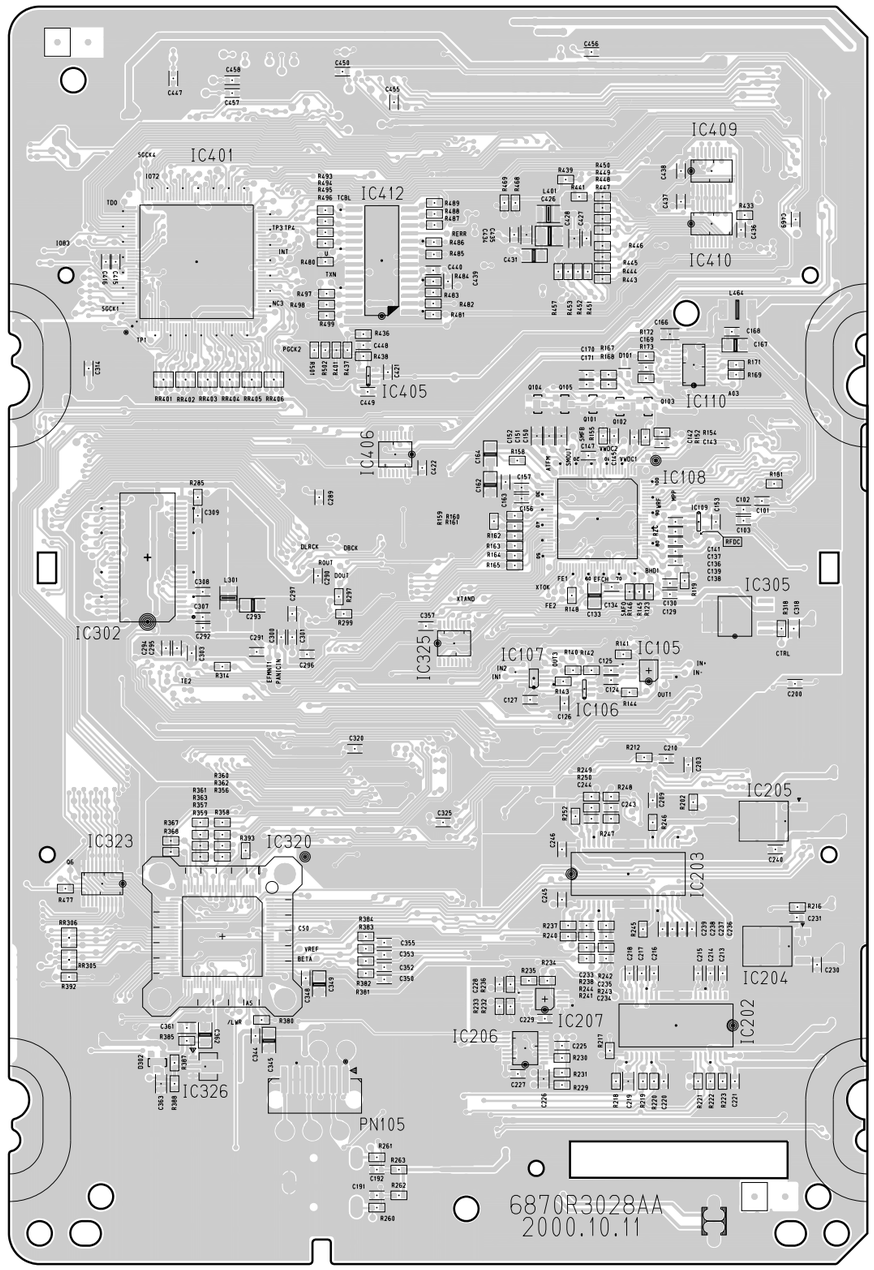
2. CD-PLAY BOTTOM P.C.BOARD



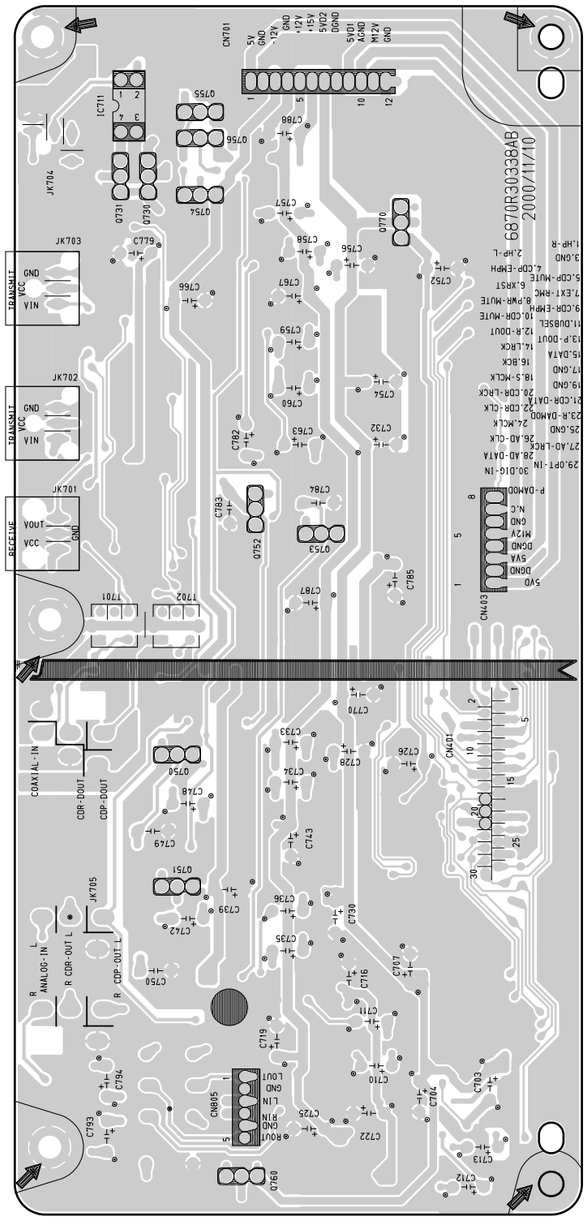
3. CD-RECORD TOP P.C.BOARD



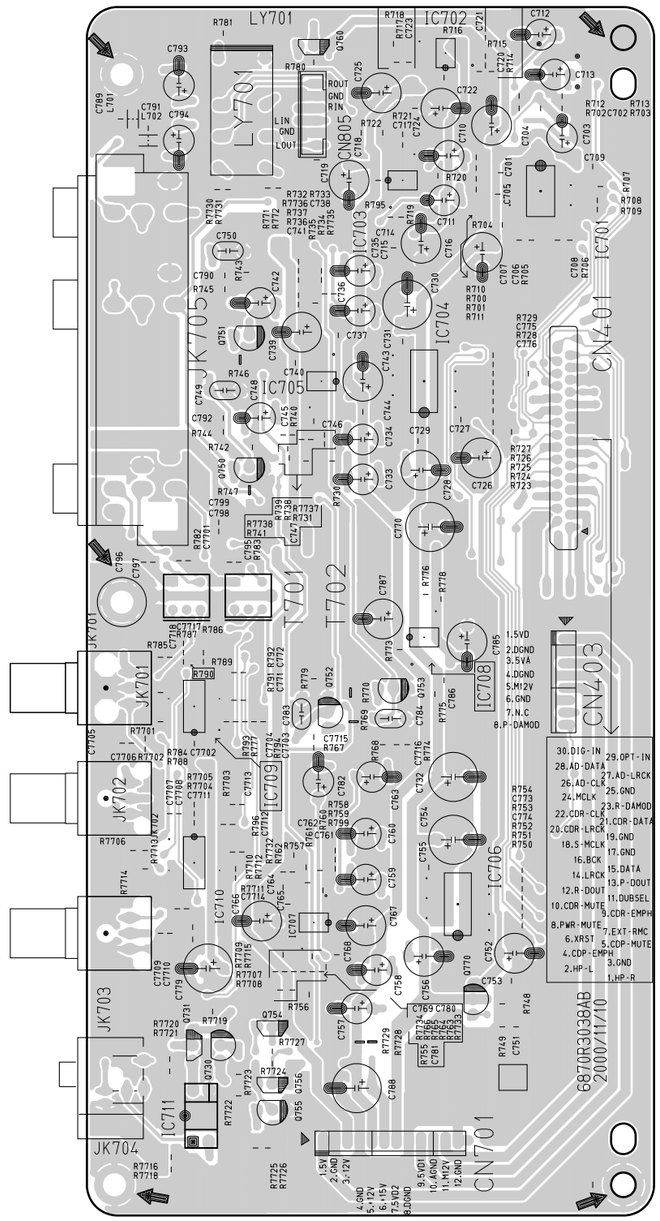
4. CD-RECORD BOTTOM P.C.BOARD



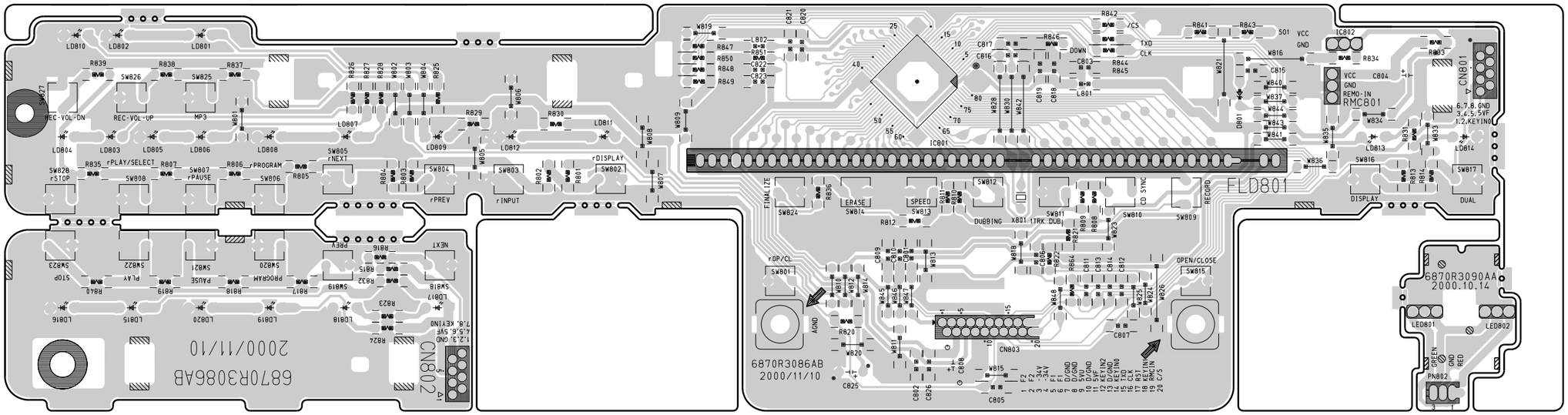
5. I/O TOP P.C.BOARD



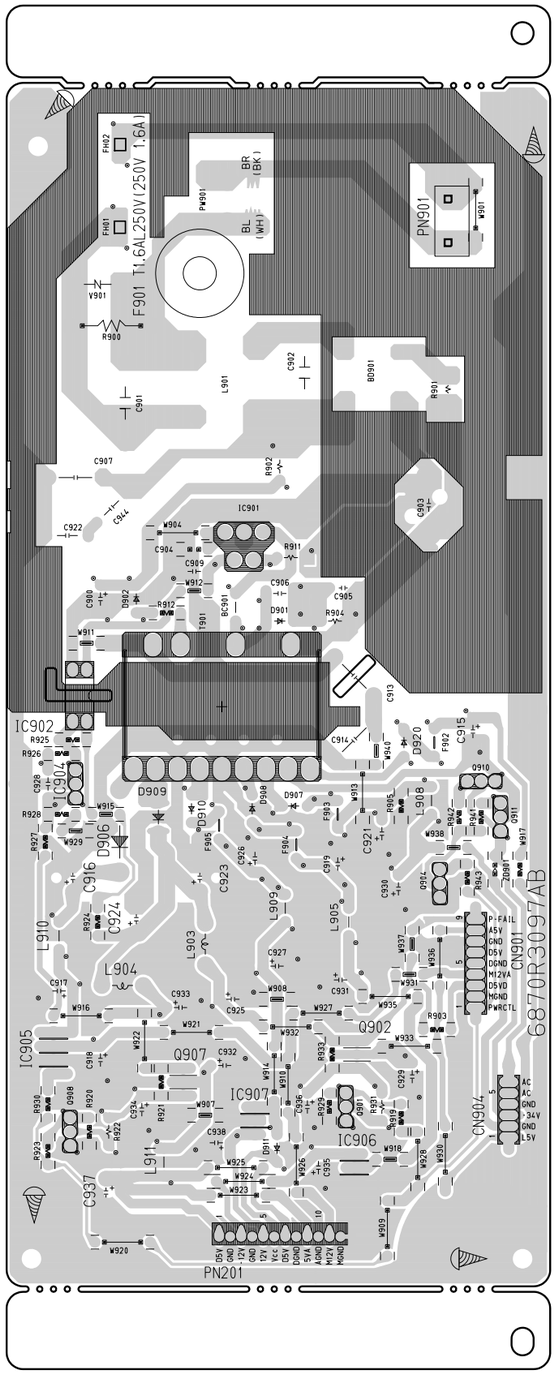
6 I/O BOTTOM P.C.BOARD



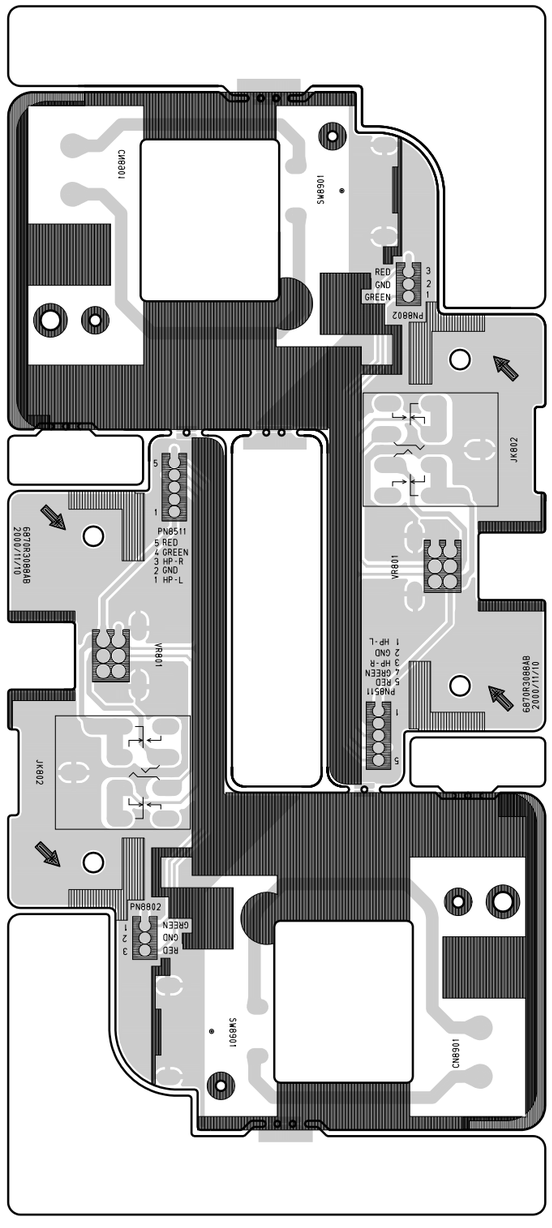
7. TIMER P.C.BOARD



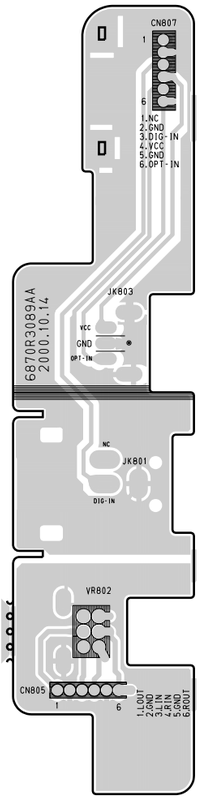
8. POWER P.C.BOARD



9. H/P P.C.BOARD

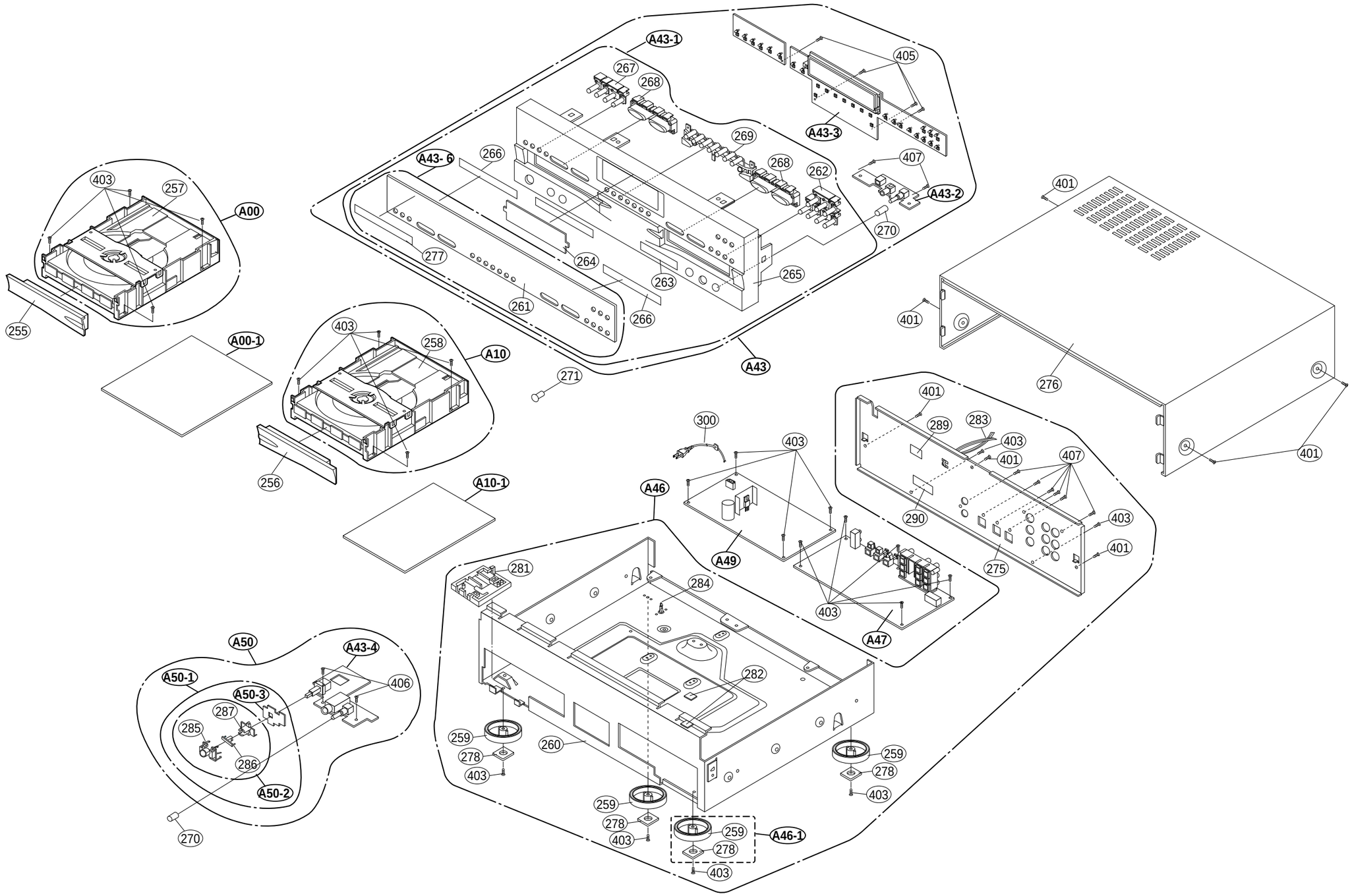


10. COAXIAL P.C.BOARD

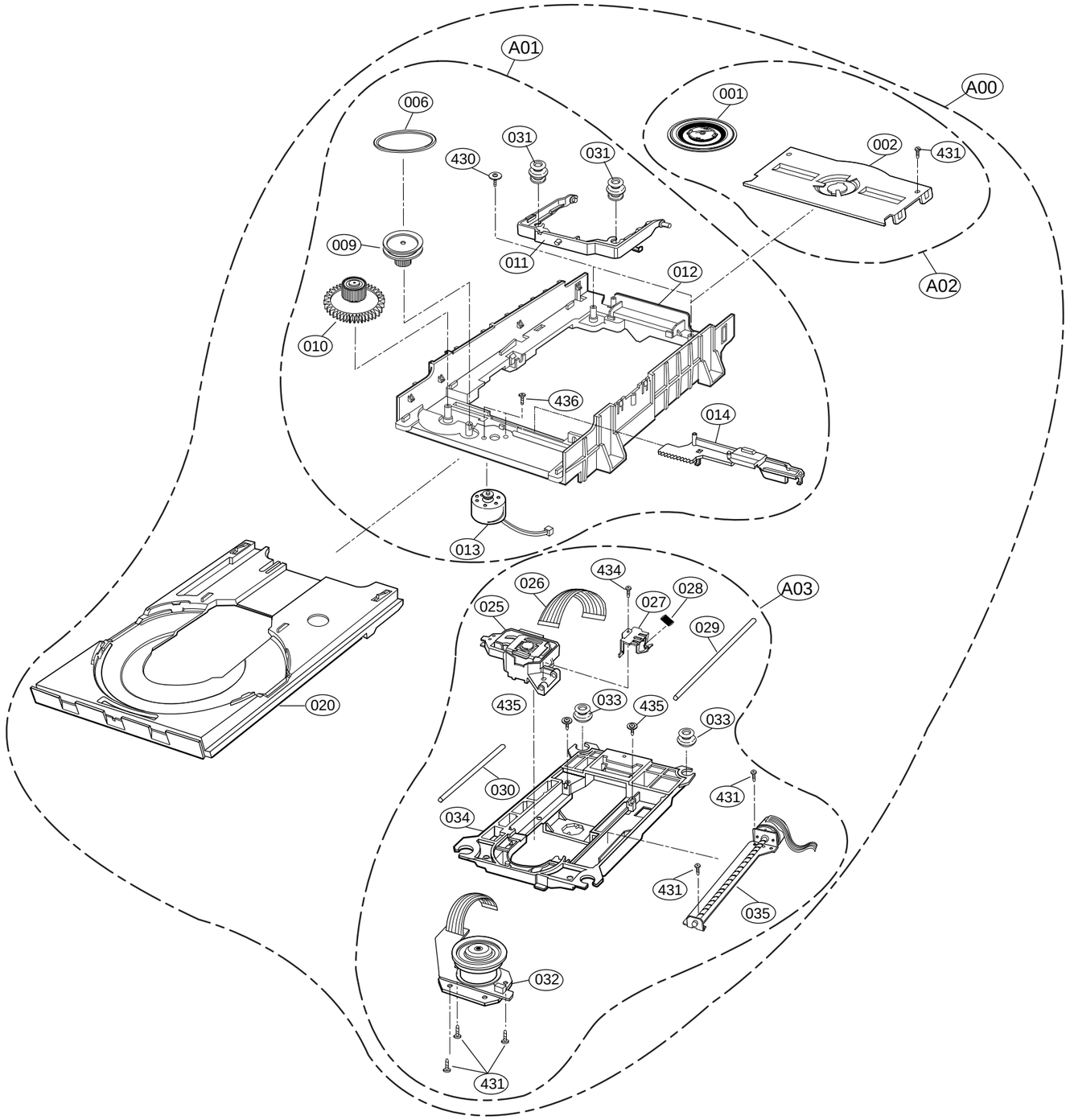


EXPLODED VIEW

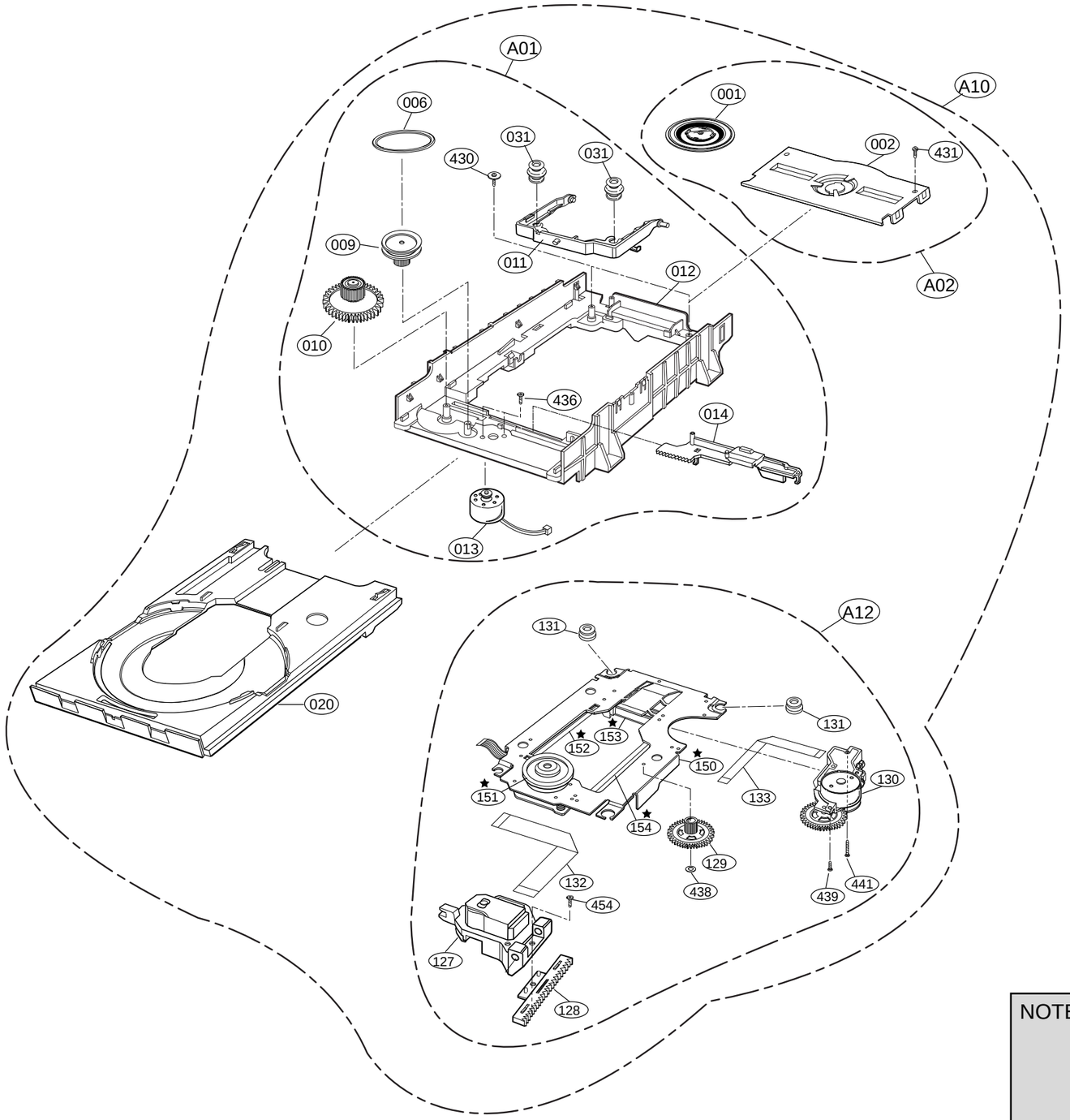
• MAIN SECTION



• CD PLAY SECTION



• CD RECORD SECTION



NOTE : The ★ part with location numbers. 150, 151, 152, 153, 154 are not serviceable parts. If you would like to replace these parts, order and replace the Assembly part(Location No. A12) only.
Because these parts need a Mechanical precision adjustment when reassembling after disassembling.

SECTION 5 REPLACEMENT PARTS LIST

· Mechanical Section

RUN DATE : 00.12.14
NSP: Not Service Part

S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
ASSEMBLY PARTS SECTION						
		A00	6721R-W223A	DECK ASSY,AUDIO	AADR700 PLAY DECK+CDP PCB	
		A00-1	6871R-3030A	PWB(PCB) ASSY,TOTAL	AADR700 KTH1K CDP	
		A01	4405R-D005A	MECHANISM ASSY	ACDR MAIN LOADING (CDM-700)	
		A02	4931R-0038A	HOLDER ASSY	CLAMP (CDM-700)	
		A03	4405R-D006A	MECHANISM ASSY	ACDR PU UNIT (CDM-700P)	
		A10	6721R-0312A	DECK ASSY,AUDIO	AADR700 RW DECK+RW PCB	
		A10-1	6721R-0307A	DECK ASSY	CDM-700RW	
		A12	4405R-D007A	MECHANISM ASSY	ACDR PU UNIT (CDM-700RW)	
PARTS SECTION						
		001	4861R-0008A	CLAMP ASSY	DISC (CDM-700)	
		002	4930R-0209A	HOLDER	CLAMP (CDM-700)	
		006	4400H-1009A	BELT	GM-RT1332A	
		009	4470R-0055A	GEAR	PULLEY	
		010	4470R-0056A	GEAR	LOADING	
		011	3040R-0035A	BASE	UP/DOWN (CDM-700)	
		012	3040R-0034A	BASE	MAIN (CDM-700)	
		013	4681R-0013A	MOTOR ASSY	LOADING (CDM-700)	
		014	4974R-0029A	GUIDE	UP/DOWN (CDM-700)	
		020	3390R-0009A	TRAY	DISC (CDM-700,BLACK)	
		025	6716S-E001A	PICK UP	SF-P151EXVA SANYO ACDR	
		026	6850HD1L16A	CABLE,FLEXIBLE	2896-A-1.0-17(05*65)160 BANDO	
		027	4974R-0031A	GUIDE	FEED (CDM-700P, MATSUSHITA)	
		028	4970H-1086A	SPRING	FEED(GM-RT1332A)	
		029	4370H-1024C	SHAFT	P/U (R,GM-RT1332A)	
		030	4370H-1025B	SHAFT	P/U (L,GM-RT1332A)	
		031	5040R-0054A	RUBBER	FRONT (CDM-700)	
		032	4680HB1019A	MOTOR(MECH)	GCS-L32A LGEC SPINDLE	
		033	5040R-0053A	RUBBER	REAR (CDM-700)	
		034	3040R-0036A	BASE	P/U (CDM-700)	
		035	4680HP5002B	MOTOR(MECH)	15S1R10F6NC3 MATSUSHITA STEPPI	
		127	6716R-E002A	PICK UP	KRS-220C SONY 4RWX4RX32CD	
		128	4471R-0001A	GEAR ASSY	RACK(CDM-700RW)	
		129	4471R-0002A	GEAR ASSY	PINION(CDM-700RW)	
		130	4405R-D008A	MECHANISM ASSY	ACDR SLED UNIT(CDM-700RW,NEW)	
		131	5040R-0053A	RUBBER	REAR (CDM-700)	
		132	6850HD4P16C	CABLE,FLEXIBLE	SFBNCD-TN2 BANDO UL20624 0.5MM	
		133	6850HD1817A	CABLE,FLEXIBLE	SFBNCD-TN BANDO UL2896 1.0MM 8	
		150	3141R-0020A	CHASSIS ASSY	PU CHULKING (CDM-700RW)	NSP
		151	4680HB1034A	MOTOR(MECH)	GRS-R02A LGP SPINDLE	NSP
		152	4370H-1078A	SHAFT	P/U(L/CD-RW)	NSP
		154	4370H-1079A	SHAFT	P/U(R/CD-RW)	NSP
SCREW						
		401	353-085E	SCREW,DRAWING	+ 3 D4.0 L10.0 MSWR3/FZMCW-2	
		403	353-046A	SCREW,	SPECIAL (3X6 FZMY)	
		403	353-046N	SCREW,	SPECIAL(3X8 BK.)	

RUN DATE : 00.12.14
NSP: Not Service Part

S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		403	353-051B	SCREW	SPECIAL	
		405	353-051A	SCREW	SPECIAL	
		406	1TRL0302016	SCREW TAPPING,BRIZER HEAD	D 3.0 L 6.0 MSWR3J(BK)	
		407	353-051AAAA	SCREW	TAP/T,WASHER 3X10 FZY,H/D:9.5	
		431	1SZZH-1007B	SCREW,	+ D2.0 6MM SWRCH16A/ZNBK 4MM 1	
		434	1SZZH-1011B	SCREW	+ D1.7 6MM SWRCH16A/NIY 3.5MM	
		435	1SZZH-1004A	SCREW,	+ D1.7 5MM SWRCH16A/ZNY 3.5MM	
		436	4000H-1006B	SCREW	+ D1.7 4.5MM SWRCH16A/ZNY 4MM	
		438	1WZZH-1009A	WASHER	BLACK Y POLY N	
		439	1SZZH-1020C	SCREW,	+ D2.0 4.5MM SWRCH16A/ZNY 4MM	
		441	1SZZH-1020A	SCREW,	+ D2.0 11.5MM SWRCH16A/ZNY 4MM	

• Cabinet & Main Frame Section

RUN DATE : 00.12.14
NSP: Not Service Part

S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
ASSEMBLY PARTS SECTION						
		A43	3501R-M666B	BOARD ASSY	FRONT+PCB (AADR700 . 3FH1)	
		A43-1	3721R-F171B	PANEL ASSY,FRONT	FRONT (AADR700 EROUPE)	
		A43-2	6871RU3089A	PWB(PCB) ASSY,SUBSET(AUDIO)	AADR700 KTH1K DIGITAL JACK	
		A43-3	6871RF3086A	PWB(PCB) ASSY,FRONT(AUDIO)	AADR700 KTH1K DIGITRON	
		A43-6	3790R-P022A	WINDOW	FL ASS'Y AADR700	
		A46	3141R-0021D	CHASSIS ASSY	MAIN(AADR700 EROUPE)	
		A46-1	3610RB0001F	FOOT	BOTTOM ASSY(ADR-700)	
		A49	3501R-3097B	BOARD ASSY	ADR-700	
PARTS SECTION						
		255	3580R-T012A	DOOR	PLAY TRAY(AADR700.KTH1K)	
		256	3580R-T011A	DOOR	ACDR TRAY (AADR700.KTH1K)	
		257	6721R-0306A	DECK ASSY	CDM-700P	
		258	6871R-3028A	PWB(PCB) ASSY,TOTAL	AADR700 KTH1K W/S	
		259	3610S-0192A	FOOT	BOTTOM(ADR-600 KTH1)	
		260	3140R-0021A	CHASSIS	MAIN(ADR-700)	
		261	3790R-P020A	WINDOW	FL(ADR-700.KTH1K)	
		262	4940R-T024A	KNOB	ACDR 7K(AADR700.KTH1K)	
		263	3300R-X020B	PLATE	LED 3K(ADR-700)	
		264	3300R-P008A	PLATE	FL(ADR-700)	
		265	3720R-M002B	PANEL,AUDIO	FRONT(AADR700 EROUPE)	
		266	3300R-X020A	PLATE	LED 8K(ADR-700)	
		267	4940R-T022A	KNOB	PLAY 4K(AADR700 KTH1K)	
		268	4940R-T023A	KNOB	SEESAW 4K(AADR700.KTH1K)	
		269	4940R-T019A	KNOB	REC 8KEY(AADR700.KTH1K)	
		270	4940R-V013A	KNOB	VOLUME (AADR700.KTH1K)	
		271	3550R-0339A	COVER	OPTICAL(ADR-700)	
		275	3720R-Z012B	PANEL	BACK(AADR700 EROUPE)	
		276	3110R-0218A	CASE	TOP(AADR700.KTH1K)	
		277	3846S-0208A	MARK	HARMAN KARDON BADGE(ADR-600 K)	
		278	4766R-0003B	FELT	19.7*19.7 BLACK	
		281	4930R-0219B	HOLDER	POWER(ADR-700 FOR CE)	
		282	5040R-0045A	RUBBER	ADR-600 SILICON SHEET FF-4445	

RUN DATE : 00.12.14
NSP: Not Service Part

S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		283	327-013C	CLAMP	CORD	NSP
		284	322-001E	SUPPORTER	SUPPORTER PWB DABS 16R	
		289	3850R-Z121A	LABEL	ADR-600KTH2/ORIGIN-EUROPE	
		290	3850R-B025C	LABEL	SERIAL BAR CODE-2 (ADR-600KTH)	
		300	6410RCHS02A	POWER CORD	EP11 LTFZ-2F 2*0.75 EMI OR SAN	
SCREW						
		454	1SZZH-1005B	SCREW,	+ D1.7 3MM SWRCH16A/NIY 3MM 0.	

· Packing Accessory Section

RUN DATE : 00.12.14
NSP: Not Service Part

S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		801	3829RDK007B	MANUAL ASSY	ADR-700 H/KARDON EURO 8 OM & P	
		803	3920R-E019A	PACKING	H/C / NAD 0.02 100 EPS 4 571 1	
		808	534-002C	BATTERY	1.5V AAM UM-3 LOL 1PAIR	
		850	3006R-0004A	DISK	CD-R HARMAN KARDON(2ND)	
		851	564-036D	PLUG CONTACT CORD,PHONE	PHONE 1.5MZ 1185#26	
		852	564-036J	CORD	DIGIATL 1.5M 1365#30 ORANGE N	

· Remote Control Section

RUN DATE : 00.12.14
NSP: Not Service Part

S	AL	LOCA.NO	PART NO(GS)	DESCRIPTION	SPECIFICATION	REMARKS
		900	6711R1Z017C	REMOTE CONTROLLER ASSY	HANHGO 43KEY ACDR CDR30RC	

RUN DATE : 00.12.14

CAUTION: The * marks in the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. Before replacing any of these components, read carefully the SAFETY PRECAUTIONS and SERVICING PRECAUTIONS in the manual. Do not degrade the safety of the unit through improper servicing.

Tolerance

Symbol	C	J	K	M	N	Z	P	A
%	±2	±5	±10	±20	±30	+80 −20	+100 −10	+100 −10

CC, CJ, CK: Capacitor, Ceramic
CE: Capacitor, Electrolytic
CQ: Capacitor, Polyester

S	AL	LOCA.NO	PART NO(GS)	SPECIFICATION
			CAPACITOR	
		C101	0CH4470K412	47P 50V J COG 1.6X0.8 R/TP
		C102	0CH4270K412	27PF 50V J NP0 1608 R/TP
		C103	0CH4270K412	27PF 50V J NP0 1608 R/TP
		C104	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C105	0CH7106F621	10UF 16V M 3528MM TP(-)
		C106	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C107	0CH7106F621	10UF 16V M 3528MM TP(-)
		C108	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C109	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C110	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C111	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C112	0CH4070K112	7PF 50V 0.5 pF NP0 1608 R/TP
		C113	0CH1103K562	0.01UF 50V 10% X7R(X) 1608 R/T
	OR	C113	0CHZS-0001B	GRM39X7R103K50C500 PT266 MURAT
		C114	0CH1474F946	0.4700UF 16V Z Y5V(F) 2012 R/T
		C115	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C116	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C117	0CH4030K042	3P 50V C N220 1.6X0.8 R/TP
		C118	0CH4030K042	3P 50V C N220 1.6X0.8 R/TP
		C119	0CH1222K512	2200PF 50V K B 1608 R/TP
		C120	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C122	0CH4271K412	270PF 50V 5% NP0 1608 R/TP
		C123	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C124	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C125	0CH4221K412	220P 50V J COG 1.6X0.8 R/TP
		C126	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C127	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C128	0CH1103K562	0.01UF 50V 10% X7R(X) 1608 R/T
	OR	C128	0CHZS-0001B	GRM39X7R103K50C500 PT266 MURAT
		C129	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C130	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C131	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C132	0CH1224K514	0.22UF 50V 10% B(5YP) 3216 R/T
		C133	0CH1224K514	0.22UF 50V 10% B(5YP) 3216 R/T
		C134	0CH1333K562	0.033UF 50V K X7R(X) 1508 R/TP
		C135	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C136	0CH1102K512	1000PF 50V 10% B(5YP) 1608 R/T
		C137	0CH1102K512	1000PF 50V 10% B(5YP) 1608 R/T
		C138	0CH1222K512	2200PF 50V K B 1608 R/TP
		C139	0CH4221K412	220P 50V J COG 1.6X0.8 R/TP
		C140	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C141	0CH4331K412	330P 50V J COG 1.6X0.8 R/TP
		C142	0CH1332K512	3300PF 50V 10% B(5YP) 1608 R/T

S	AL	LOCA.NO	PART NO(GS)	SPECIFICATION
		C143	0CH1152K512	1500PF 50V K B 1608 R/TP
		C144	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C145	0CH1153H562	0.015UF 25V K X7R(X) 1508 R/TP
		C146	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C147	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C148	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C149	0CH1154F516	0.15UF 16V 10% B(5YP) 2012 R/T
		C150	0CH1334F946	0.33UF 16V 80%,-20% Y5V(F) 201
		C151	0CH1334F946	0.33UF 16V 80%,-20% Y5V(F) 201
		C152	0CH1334F946	0.33UF 16V 80%,-20% Y5V(F) 201
		C153	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C154	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C155	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C156	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C157	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C158	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C159	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C160	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C161	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C162	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C163	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C164	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C165	0CH8107F621	100UF 16V M 6666 R/TP
		C166	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C167	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C168	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C169	0CH4151K412	150P 50V J COG 1.6X0.8 R/TP
		C170	0CH4151K412	150P 50V J COG 1.6X0.8 R/TP
		C171	0CH4151K412	150P 50V J COG 1.6X0.8 R/TP
		C180	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C191	0CH1103K562	0.01UF 50V 10% X7R(X) 1608 R/T
		C192	0CH1103K562	0.01UF 50V 10% X7R(X) 1608 R/T
		C200	0CH1103K562	0.01UF 50V 10% X7R(X) 1608 R/T
		C201	0CH1103K562	0.01UF 50V 10% X7R(X) 1608 R/T
	OR	C201	0CHZS-0001B	GRM39X7R103K50C500 PT266 MURAT
		C202	0CH1103K562	0.01UF 50V 10% X7R(X) 1608 R/T
	OR	C202	0CHZS-0001B	GRM39X7R103K50C500 PT266 MURAT
		C203	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C204	0CH1562K566	5600PF 50V 10% X7R(X) 2012 R/T
		C205	0CH1562K566	5600PF 50V 10% X7R(X) 2012 R/T
		C206	0CH1682K562	6800P 50V K X7R 1.6X0.8 R/TP
		C207	0CH1682K562	6800P 50V K X7R 1.6X0.8 R/TP
		C209	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C210	0CH1103K562	0.01UF 50V 10% X7R(X) 1608 R/T
		C211	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP

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		C212	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C213	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C214	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C215	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C216	0CH1473H942	0.0470UF 25V Z Y5V(F) 1608 R/T
		C217	0CH1473H942	0.0470UF 25V Z Y5V(F) 1608 R/T
		C218	0CH1473H942	0.0470UF 25V Z Y5V(F) 1608 R/T
		C219	0CH1474F946	0.4700UF 16V Z Y5V(F) 2012 R/T
		C220	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C221	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C222	0CH8107F621	100UF 16V M 6666 R/TP
		C223	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C224	0CH8107F621	100UF 16V M 6666 R/TP
		C225	0CH1222K512	2200PF 50V K B 1608 R/TP
		C226	0CH1474F946	0.4700UF 16V Z Y5V(F) 2012 R/T
		C227	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C229	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C230	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C231	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C232	0CH8107F621	100UF 16V M 6666 R/TP
		C234	0CH4101K412	100P 50V J COG 1.6X0.8 R/TP
		C236	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C237	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C238	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C239	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C240	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C241	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C242	0CH8107F621	100UF 16V M 6666 R/TP
		C245	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C246	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C250	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C251	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C252	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C253	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C254	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C255	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C256	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C282	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C283	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C284	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C285	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C286	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C287	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C288	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C289	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C290	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C291	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C292	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C293	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C294	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C295	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C296	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C297	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C300	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C301	0CH1102K512	1000PF 50V 10% B(5YP) 1608 R/T
		C302	0CH1472K562	4700PF 50V K X7R(X) 1608 R/TP
		C303	0CH1103K562	0.01UF 50V 10% X7R(X) 1608 R/T
		C304	0CH1332K512	3300PF 50V 10% B(5YP) 1608 R/T
		C305	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C306	0CH1472K562	4700PF 50V K X7R(X) 1608 R/TP
		C307	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C308	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP

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		C309	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C313	0CH4100K412	10PF 50V J NP0 1608 R/TP
		C314	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C315	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C316	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C317	0CH8107F621	100UF 16V M 6666 R/TP
		C318	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C319	0CH8107F621	100UF 16V M 6666 R/TP
		C320	0CH4101K412	100P 50V J COG 1.6X0.8 R/TP
		C321	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C322	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C323	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C324	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C325	0CH1103K562	0.01UF 50V 10% X7R(X) 1608 R/T
	OR	C325	0CHZS-0001B	GRM39X7R103K50C500 PT266 MURAT
		C340	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C342	0CH4101K412	100P 50V J COG 1.6X0.8 R/TP
		C343	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C344	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C345	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C346	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C347	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C348	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C349	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C350	0CH1473H942	0.0470UF 25V Z Y5V(F) 1608 R/T
		C351	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C352	0CH1473H942	0.0470UF 25V Z Y5V(F) 1608 R/T
		C353	0CH1103K562	0.01UF 50V 10% X7R(X) 1608 R/T
	OR	C353	0CHZS-0001B	GRM39X7R103K50C500 PT266 MURAT
		C354	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C355	0CH1103K562	0.01UF 50V 10% X7R(X) 1608 R/T
	OR	C355	0CHZS-0001B	GRM39X7R103K50C500 PT266 MURAT
		C356	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C357	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C358	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C359	0CH4150K412	15P 50V J COG 1.6X0.8 R/TP
		C360	0CH4150K412	15P 50V J COG 1.6X0.8 R/TP
		C361	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C362	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C363	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C364	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C365	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C366	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C401	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C402	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C403	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C404	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C405	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C406	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C407	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C408	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C409	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C410	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C411	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C412	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C413	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C414	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C415	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C416	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C417	0CH8107F621	100UF 16V M 6666 R/TP
		C418	0CH4151K412	150P 50V J COG 1.6X0.8 R/TP
		C419	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP

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		C420	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C421	0CH4100K112	10P 50V D COG 1.6X0.8 R/TP
		C422	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C423	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C424	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C425	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C426	0CH7476C621	47UF 6.3V M 3528 TP(-)
		C427	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C428	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C429	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C430	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C431	0CH7225F611	2.2UF 16V 20% 3216 TP(-)
		C432	0CH1471K562	470PF 50V 10% X7R(X) 1608 R/TP
		C433	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C434	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
	OR	C435	0CH1105F946	1UF 16V Z Y5V(F) 2012 R/TP
		C435	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C436	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C437	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C438	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C439	0CH1103K562	0.01UF 50V 10% X7R(X) 1608 R/T
	OR	C439	0CHZS-0001B	GRM39X7R103K50C500 PT266 MURAT
		C440	0CH1103K562	0.01UF 50V 10% X7R(X) 1608 R/T
	OR	C440	0CHZS-0001B	GRM39X7R103K50C500 PT266 MURAT
		C441	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C442	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C443	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C444	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C445	0CH1822K562	8200PF 50V K X7R(X) 1608 R/TP
		C446	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C447	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C448	0CH4151K412	150P 50V J COG 1.6X0.8 R/TP
		C449	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C450	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C451	0CH4151K412	150P 50V J COG 1.6X0.8 R/TP
	OR	C452	0CH1105F946	1UF 16V Z Y5V(F) 2012 R/TP
		C452	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C453	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C454	0CH8107F621	100UF 16V M 6666 R/TP
		C455	0CH4151K412	150P 50V J COG 1.6X0.8 R/TP
		C456	0CH4151K412	150P 50V J COG 1.6X0.8 R/TP
		C459	0CH4101K412	100P 50V J COG 1.6X0.8 R/TP
		C460	0CH4101K412	100P 50V J COG 1.6X0.8 R/TP
		C461	0CH4101K412	100P 50V J COG 1.6X0.8 R/TP
		C462	0CH1102K512	1000PF 50V 10% B(5YP) 1608 R/T
		C463	0CH8227C821	220UF 6.3V M 105STD (CYL) R/TP
		C464	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C465	0CH8227C821	220UF 6.3V M 105STD (CYL) R/TP
		C466	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C467	0CH8107F621	100UF 16V M 6666 R/TP
		C468	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C469	0CH4101K412	100P 50V J COG 1.6X0.8 R/TP
		C470	0CH4330K412	33P 50V J COG 1.6X0.8 R/TP
		C471	0CH4330K412	33P 50V J COG 1.6X0.8 R/TP
		C472	0CH4101K412	100P 50V J COG 1.6X0.8 R/TP
		C501	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C502	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C503	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C504	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C505	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C506	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C507	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA

S	AL	LOCA.NO	PART NO(GS)	SPECIFICATION
		C508	0CH1332K562	3300P 50V K X7R 1.6X0.8 R/TP
		C509	0CH4121K412	120P 50V J COG 1.6X0.8 R/TP
		C510	0CH1822K562	8200PF 50V K X7R(X) 1608 R/TP
		C512	0CH8476F611	47UF 16V M 85STD(CYL) R/TP SAM
		C513	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C514	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C515	0CH8476F611	47UF 16V M 85STD(CYL) R/TP SAM
		C516	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C517	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C518	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C519	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C520	0CH1333K562	0.033UF 50V K X7R(X) 1508 R/TP
		C521	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C522	0CH1102K512	1000PF 50V 10% B(5YP) 1608 R/T
		C524	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C525	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C526	0CH1473H942	0.0470UF 25V Z Y5V(F) 1608 R/T
		C527	0CH4151K412	150P 50V J COG 1.6X0.8 R/TP
		C528	0CH1103K562	0.01UF 50V 10% X7R(X) 1608 R/T
	OR	C528	0CHZS-0001B	GRM39X7R103K50C500 PT266 MURAT
		C529	0CH4221K412	220P 50V J COG 1.6X0.8 R/TP
		C530	0CH1474F946	0.4700UF 16V Z Y5V(F) 2012 R/T
		C531	0CH1103K562	0.01UF 50V 10% X7R(X) 1608 R/T
	OR	C531	0CHZS-0001B	GRM39X7R103K50C500 PT266 MURAT
		C532	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C533	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C534	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C535	0CH4100K112	10P 50V D COG 1.6X0.8 R/TP
		C536	0CH4100K112	10P 50V D COG 1.6X0.8 R/TP
		C538	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C541	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C542	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C543	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C544	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C545	0CH1104K946	0.1UF 50V Z Y5V(F) 2012 R/TP
		C546	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C547	0CH4150K412	15P 50V J COG 1.6X0.8 R/TP
		C548	0CH4150K412	15P 50V J COG 1.6X0.8 R/TP
		C549	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C550	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C551	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C552	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C561	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C562	0CH1473H942	0.0470UF 25V Z Y5V(F) 1608 R/T
		C563	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C564	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C565	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C566	0CH8107F621	100UF 16V M 6666 R/TP
		C567	0CH1471K562	470PF 50V 10% X7R(X) 1608 R/TP
		C568	0CH1471K562	470PF 50V 10% X7R(X) 1608 R/TP
		C569	0CH1471K562	470PF 50V 10% X7R(X) 1608 R/TP
		C570	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C571	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C572	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C573	0CH8107F621	100UF 16V M 6666 R/TP
		C574	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C575	0CH8227C621	220UF 6.3V M 105STD (CYL) R/TP
		C576	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C577	0CH4331K412	330P 50V J COG 1.6X0.8 R/TP
		C578	0CH1103K562	0.01UF 50V 10% X7R(X) 1608 R/T
	OR	C578	0CHZS-0001B	GRM39X7R103K50C500 PT266 MURAT
		C579	0CH1103K562	0.01UF 50V 10% X7R(X) 1608 R/T

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	OR	C579	0CHZS-0001B	GRM39X7R103K50C500 PT256 MURAT
		C580	0CH1472K562	4700PF 50V K X7R(X) 1608 R/TP
		C581	0CH1472K562	4700PF 50V K X7R(X) 1608 R/TP
		C582	0CH4101K412	100P 50V J COG 1.6X0.8 R/TP
		C591	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C600	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C601	0CH8476F611	47UF 16V M 85STD(CYL) R/TP SAM
		C602	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C603	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C604	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C605	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C606	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C607	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C608	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C609	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C610	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C611	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C612	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C613	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C614	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C615	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C616	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C617	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C621	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C623	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C624	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C625	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C626	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C628	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C629	0CH7106C611	10UF 6.3V M 3216 TP(-)
		C630	0CH1102K512	1000PF 50V 10% B(5YP) 1608 R/T
		C631	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C633	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C634	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C635	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C636	0CH1104K946	0.1UF 50V Z Y5V(F) 2012 R/TP
		C638	0CH4101K416	100P 50V J NP0 2.0*1.25 R/TP
		C639	0CH4101K412	100P 50V J COG 1.6X0.8 R/TP
		C640	0CH4221K412	220P 50V J COG 1.6X0.8 R/TP
		C641	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
	OR	C642	0CH1105F946	1UF 16V Z Y5V(F) 2012 R/TP
		C642	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C643	0CH8227C621	220UF 6.3V M 105STD (CYL) R/TP
		C680	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C681	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C691	0CH1122K562	1200PF 50V 10% X7R(X) 1608 R/T
	OR	C692	0CH1105F946	1UF 16V Z Y5V(F) 2012 R/TP
		C692	0CHZS-0002C	GRM40Y5V105Z16D530 PT85 MURATA
		C701	0CH1102K512	1000PF 50V 10% B(5YP) 1608 R/T
		C702	0CH1102K512	1000PF 50V 10% B(5YP) 1608 R/T
		C703	0CE4756K618	4.7UF SMS,SG 50V 20% FL TP 5
		C704	0CE4766J618	47M SMS 35V M FM(5) TP(5)
		C705	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C706	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C707	0CE4766J618	47M SMS 35V M FM(5) TP(5)
		C708	0CH1103K512	0.0100UF 50V K B 1608 R/TP
		C709	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C710	0CE2266K618	22M SMS 50V M FM5 TP(5)
		C711	0CE2266K618	22M SMS 50V M FM5 TP(5)
		C712	0CE2266K618	22M SMS 50V M FM5 TP(5)
		C713	0CE2266K618	22M SMS 50V M FM5 TP(5)
		C714	0CH4101K412	100P 50V J COG 1.6X0.8 R/TP

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		C715	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C716	0CE4766J618	47M SMS 35V M FM(5) TP(5)
		C717	0CH4101K412	100P 50V J COG 1.6X0.8 R/TP
		C718	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C719	0CE4766J618	47M SMS 35V M FM(5) TP(5)
		C720	0CH4101K412	100P 50V J COG 1.6X0.8 R/TP
		C721	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C722	0CE4766J618	47M SMS 35V M FM(5) TP(5)
		C723	0CH4101K412	100P 50V J COG 1.6X0.8 R/TP
		C724	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C725	0CE4766J618	47M SMS 35V M FM(5) TP(5)
		C726	0CE4766J618	47M SMS 35V M FM(5) TP(5)
		C727	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C728	0CE4766J618	47M SMS 35V M FM(5) TP(5)
		C729	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C730	0CE4775C618	470UF SR,SV 6.3V M FL TP 5
		C731	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C732	0CE4775C618	470UF SR,SV 6.3V M FL TP 5
		C733	0CE1076D618	100M SMS 10V M FM5 TP(5)
		C734	0CE1076D618	100M SMS 10V M FM5 TP(5)
		C735	0CE1076D618	100M SMS 10V M FM5 TP(5)
		C736	0CE1076D618	100M SMS 10V M FM5 TP(5)
		C737	0CH1821K562	820PF 50V 10% X7R(X) 1608 R/TP
		C738	0CH1332K562	3300P 50V K X7R 1.6X0.8 R/TP
		C739	0CE1076F618	100M SMS 16V M FM5 TP(5)
		C740	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C741	0CH1821K562	820PF 50V 10% X7R(X) 1608 R/TP
		C742	0CE2266K618	22M SMS 50V M FM5 TP(5)
		C743	0CE1076F618	100M SMS 16V M FM5 TP(5)
		C744	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C745	0CH1821K562	820PF 50V 10% X7R(X) 1608 R/TP
		C746	0CH1821K562	820PF 50V 10% X7R(X) 1608 R/TP
		C747	0CH1332K562	3300P 50V K X7R 1.6X0.8 R/TP
		C748	0CE2266K618	22M SMS 50V M FM5 TP(5)
		C749	0CQ3921N409	0.0039U 100V J POLY TP
		C750	0CQ3921N409	0.0039U 100V J POLY TP
		C751	0CH1332K562	3300P 50V K X7R 1.6X0.8 R/TP
		C752	0CE4766J618	47M SMS 35V M FM(5) TP(5)
		C753	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C754	0CE4775C618	470UF SR,SV 6.3V M FL TP 5
		C755	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C756	0CE4766J618	47M SMS 35V M FM(5) TP(5)
		C757	0CE1076D618	100M SMS 10V M FM5 TP(5)
		C758	0CE1076D618	100M SMS 10V M FM5 TP(5)
		C759	0CE1076D618	100M SMS 10V M FM5 TP(5)
		C760	0CE1076D618	100M SMS 10V M FM5 TP(5)
		C761	0CH1821K562	820PF 50V 10% X7R(X) 1608 R/TP
		C762	0CH1332K562	3300P 50V K X7R 1.6X0.8 R/TP
		C763	0CE2266K618	22M SMS 50V M FM5 TP(5)
		C764	0CH1821K562	820PF 50V 10% X7R(X) 1608 R/TP
		C765	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C766	0CE1076F618	100M SMS 16V M FM5 TP(5)
		C767	0CE1076F618	100M SMS 16V M FM5 TP(5)
		C768	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C769	0CH1821K562	820PF 50V 10% X7R(X) 1608 R/TP
		C770	0CE4775C618	470UF SR,SV 6.3V M FL TP 5
		C7702	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C7703	0CH4221K412	220P 50V J COG 1.6X0.8 R/TP
		C7704	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C7705	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C7706	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C7707	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP

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		C7708	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C7709	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C7710	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C7711	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C7712	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C7713	0CH4680K412	68P 50V J COG 1.6X0.8 R/TP
		C7715	0CH4121K412	120P 50V J COG 1.6X0.8 R/TP
		C7716	0CH4121K412	120P 50V J COG 1.6X0.8 R/TP
		C7717	0CH4271K412	270PF 50V 5% NP0 1608 R/TP
		C7718	0CH4271K412	270PF 50V 5% NP0 1608 R/TP
		C773	0CH4181K412	180P 50V J COG 1.6X0.8 R/TP
		C774	0CH4181K412	180P 50V J COG 1.6X0.8 R/TP
		C775	0CH4181K412	180P 50V J COG 1.6X0.8 R/TP
		C776	0CH4181K412	180P 50V J COG 1.6X0.8 R/TP
		C779	0CE4775C618	470UF SR,SV 6.3V M FL TP 5
		C780	0CH1821K562	820PF 50V 10% X7R(X) 1608 R/TP
		C781	0CH1332K562	3300P 50V K X7R 1.6X0.8 R/TP
		C782	0CE2266K618	22M SMS 50V M FM5 TP(5)
		C783	0CQ3921N409	0.0039U 100V J POLY TP
		C784	0CQ3921N409	0.0039U 100V J POLY TP
		C785	0CE1076F618	100M SMS 16V M FM5 TP(5)
		C786	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C787	0CE1076F618	100M SMS 16V M FM5 TP(5)
		C788	0CE2276H618	220M SMS 25V FM5 TP(5)
		C789	0CH4221K412	220P 50V J COG 1.6X0.8 R/TP
		C790	0CH4221K412	220P 50V J COG 1.6X0.8 R/TP
		C791	0CH4221K412	220P 50V J COG 1.6X0.8 R/TP
		C792	0CH4221K412	220P 50V J COG 1.6X0.8 R/TP
		C793	0CE2266K618	22M SMS 50V M FM5 TP(5)
		C794	0CE2266K618	22M SMS 50V M FM5 TP(5)
		C796	0CH1103K512	0.0100UF 50V K B 1608 R/TP
		C797	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C798	0CH1103K512	0.0100UF 50V K B 1608 R/TP
		C799	0CH1104K942	0.1UF 50V Z Y5V(F) 1508 R/TP
		C801	0CN1040K948	0.1UF D 50V 80%,-20% F(Y5V) TA
		C802	0CN1040K948	0.1UF D 50V 80%,-20% F(Y5V) TA
		C804	0CE1073F638	100UF SRE,SE 16V 20% FM5 TP 5
		C805	0CN1020K518	1000P 50V K B TA26
		C806	0CN1020K518	1000P 50V K B TA26
		C807	0CN1020K518	1000P 50V K B TA26
		C809	0CN1040K948	0.1UF D 50V 80%,-20% F(Y5V) TA
		C810	0CN1040K948	0.1UF D 50V 80%,-20% F(Y5V) TA
		C811	0CN1010K418	100PF 50V J B TA26
		C812	0CN1010K418	100PF 50V J B TA26
		C813	0CN1010K418	100PF 50V J B TA26
		C814	0CN1010K418	100PF 50V J B TA26
		C816	0CX3300K408	33P 50V J SL TA26
		C817	0CX3300K408	33P 50V J SL TA26
		C818	0CN1040K948	0.1UF D 50V 80%,-20% F(Y5V) TA
		C819	0CN1040K948	0.1UF D 50V 80%,-20% F(Y5V) TA
		C820	0CN1040K948	0.1UF D 50V 80%,-20% F(Y5V) TA
		C821	0CN1040K948	0.1UF D 50V 80%,-20% F(Y5V) TA
		C822	0CN1040K948	0.1UF D 50V 80%,-20% F(Y5V) TA
		C823	0CN1040K948	0.1UF D 50V 80%,-20% F(Y5V) TA
		C826	0CN1040K948	0.1UF D 50V 80%,-20% F(Y5V) TA
		C900	624-085D	CE 47UF/50V KME (SMPS)
	OR	C901	624-088B	ECQU2A104MV 0.1UF/250V MATSUSI
		C901	624-088F	PCX2 275V 0.1UF,M (PILKO)
	OR	C902	624-088B	ECQU2A104MV 0.1UF/250V MATSUSI
		C902	624-088F	PCX2 275V 0.1UF,M (PILKO)
		C903	624-082C	100MF/400V SHL SMPS S/Y
		C904	0CN223AK948	0.022UF 50V Z F TA26 S

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		C905	0CQ1031Y519	0.01UF D 630V K PE NI TP
		C906	624-087B	HIGH-VOL 100P/1KV SMPS SAMHWA
		C909	0CQ4732K409	0.047UF S 50V J PE TP
		C913	0CG3320U630	3300 PF 400V M E R(NK,AD,SD)
		C915	0CE2276D618	220UF SMS 10V M FL TP5
		C916	0CE108BF638	1000UF KME TYPE 16V M FM5 TP 5
		C917	0CE4764K638	47M SRA 50V M FM5 TP(5)
		C918	0CE1076F638	100M SMS 16V M FM5 TP(5)
		C919	624-085D	CE 47UF/50V KME (SMPS)
		C921	624-085D	CE 47UF/50V KME (SMPS)
		C923	0CE108BF638	1000UF KME TYPE 16V M FM5 TP 5
		C924	0CE108BF638	1000UF KME TYPE 16V M FM5 TP 5
		C925	0CE3376D638	330UF SMS 10V M FM5 TP5
		C926	624-085D	CE 47UF/50V KME (SMPS)
		C927	0CE4764K638	47M SRA 50V M FM5 TP(5)
		C928	0CQ4732K409	0.047UF S 50V J PE TP
		C929	0CE1076F638	100M SMS 16V M FM5 TP(5)
		C930	0CE4764K638	47M SRA 50V M FM5 TP(5)
		C931	0CE4764K638	47M SRA 50V M FM5 TP(5)
		C932	0CE1076F638	100M SMS 16V M FM5 TP(5)
		C933	0CE3376D638	330UF SMS 10V M FM5 TP5
		C934	0CE1076F638	100M SMS 16V M FM5 TP(5)
		C935	0CE1064H638	10M SRA 25V M FM5 TP(5)
		C936	0CE1076F638	100M SMS 16V M FM5 TP(5)
		C937	0CE228CF630	2200U SHL 16V M FM5
		C938	0CE1064H638	10M SRA 25V M FM5 TP(5)

DIODE

	OR	B6908RA	!	S1WBA60(1A 600V) SHIDENKEN
		D302	0DD187009AC	KDS187 CHIP KEC TP KEC
		D505	0DD187009AA	DIODE CHIP KDS187-T1(D3) KEC
		D801	0DD133009AA	1SS133 DETECT,SW TP
	OR	D901	0DD010009CA	EG01CW(R-FORM 5MM) TP SANKEN
		D901	0DD221009AA	ERA22-10 KFLB,TP ,R T/P,FUJI
		D902	0DD010009AC	EU01W(R-FORM) TP SANKEN
		D906	0DR310000AA	RU3YXLF-C1 BK SANKEN D4 100V 2
		D907	0DD010009AC	EU01W(R-FORM) TP SANKEN
		D908	0DD010009AC	EU01W(R-FORM) TP SANKEN
	OR	D909	0DR104510AA	B10A45V1 BK KEC TO220 45V 10A
		D909	0DRSA00020A	FMB-G24H LF651 SANKEN BK NON
		D910	0DD010009AC	EU01W(R-FORM) TP SANKEN
		D911	0DR104009AB	RL104 R. TP GULF SEMICONDUCTOR
		D920	0DD010009AC	EU01W(R-FORM) TP SANKEN

FILTER

	OR	L901	616-145H	SHT LFS2020V4-04350
		L901	616-145M	V-04350 LS FUTAI BULK =616-145

IC

		IC101	0IJR341400E	NJN3414V SIP-8 TP DUAL OP AMP
		IC102	0IJR340400B	NJM3404AV SIP-8 TP SINGLE-SUPP
		IC103	0IET224500A	EL2245CS SO8 TP ALPC 2CH OP AM
		IC104	0IJR340300A	NJM3403AV-TE1 OP AMP
		IC105	0IJR290300D	NJM2903V-TE1 8P SSOP TP COMPAR
		IC106	0INS766500A	NC7SZ66M5X SOT23 TP SINGLE BIL
		IC107	0ITO708000D	TC7W08FUDUAL 2 INPUT AND GATE
		IC109	0INS766500A	NC7SZ66M5X SOT23 TP SINGLE BIL
		IC110	0IMI623520A	M62352GP 20P SSOP TP 12CH D/A
		IC201	0IRH592500A	BA5925FV SSOP-B28 TP SLED
		IC202	0IRH686400A	BA6964FM HSOP28 TP NOTOR DRIVE

S	AL	LOCA.NO	PART NO(GS)	SPECIFICATION
		IC203	0IRH598300A	BA5983FM HSOP28 TP DRIVE METAL
		IC204	0IJR780800C	NJM7808DLA 3 TP REGULATOR
		IC205	0IJR780800C	NJM7808DLA 3 TP REGULATOR
		IC206	0IRH405300A	BU4053BCFV 16P,SSOP TP TRIPLE
		IC207	0IJR340400B	NJM3404AV SIP-8 TP SINGLE-SUPP
		IC210	0IJR341400E	NJN3414V SIP-8 TP DUAL OP AMP
		IC301	0IOA979000A	OTI-9790 CD-R/RW CONTROLLER TP
		IC302	0IGS711816P	GM71C18163C TSOP2 TP 5V 60N 1M
		IC304	0IRH033000A	BA033SFP P/MOLD-5 TP REGULATOR
		IC305	0IRH393900A	BA3939FP-E2
		IC310	0ICP010000A	CST0100C 44QFP BK ASIC
		IC320	0IMCRHI001A	HD64F3064FBL20 HITACHI 100,QFP
	OR	IC321	0ICS938600A	CAT93C86 SOIC 8P TP EEPROM 16K
		IC321	0IFA938680A	FM93C86AM8X 8P SOP TP EEPROM 1
		IC322	0IFA745740B	74VHC574MTCX 20P TSSOP TP D-TY
		IC323	0IFA745740B	74VHC574MTCX 20P TSSOP TP D-TY
		IC324	0IFA741380E	74VHC138MTCX 16P TSSOP R/TP 3
		IC325	0IRH405200C	BU4052BCFV SSOP-B16 TP DUAL 4C
		IC326	0ITR613002E	XC61CN3002PR 3P SOT-89 TP VOL
		IC401	0ISTLXL001A	XCS30XL-TQ144 XILINX 144 QFP B
		IC402	0IWI242573A	W24257AS-35 (TAPE&REEL) 1K/TP
		IC405	0INS704500C	NC7SZ04M5X 5P SOT23-5 TP INVER
		IC406	0IRH405300A	BU4053BCFV 16P,SSOP TP TRIPLE
		IC407	0ICB493302A	CS493302-CLR 44 PLCC R/TP MP3
		IC409	0IFA745740B	74VHC574MTCX 20P TSSOP TP D-TY
		IC410	0IFA745740B	74VHC574MTCX 20P TSSOP TP D-TY
		IC411	0IFA111725A	RC1117ST-2.5 SOT-263 TP 2.5V R
		IC412	0ICB842000B	CS8420-CSR(REV D)28L SOIC TP D
		IC413	0IAL270101E	AT27LV010A-12TC 32P TSOP BK 1M
		IC414	0IRH033000A	BA033SFP P/MOLD-5 TP REGULATOR
		IC501	0ISO258100A	CXA2581N 30PIN TP RFIC
		IC503	0IHI643062B	HD64F3062AFBL FP-100B TP MICOM
		IC504	0IJR210000B	NJM2100V DUAL OP AMP,JRC
		IC505	0IMI630210A	M63021FP 42P9R TP DRIVE
		IC506	0ITR613002E	XC61CN3002PR 3P SOT-89 TP VOL
		IC507	0ISTLXL002A	XCS10XL-TQ144 XILINX 144 QFP B
		IC509	0IRH405300A	BU4053BCFV 16P,SSOP TP TRIPLE
		IC510	0IPH740400F	74HCU04D SOT108-1 TP INVERTER
		IC511	0IRI527000A	RN5RZ27BA-TR SOT-23-5 TP REGUL
		IC512	0IRH033000A	BA033SFP P/MOLD-5 TP REGULATOR
		IC701	0IAK535120A	AK5351VF-E2 24SOP TP ADC 1K RE
		IC702	0IJR456500A	NJM4565M-A,OP-AMP,JRC
		IC703	0IJR456500A	NJM4565M-A,OP-AMP,JRC
		IC704	0IAK439320A	AK4393VF-E2 28SOP TP DAC 1K RE
		IC705	0IJR553200A	NJM5532 OP AMP JRC
		IC706	0IAK439320A	AK4393VF-E2 28SOP TP DAC 1K RE
		IC707	0IJR553200A	NJM5532 OP AMP JRC
		IC708	0ILNRJR002A	NJM4556AM JRC 8PIN SOP R/TP DU
		IC709	0IPH740400F	74HCU04D SOT108-1 TP INVERTER
		IC710	0IPH740400F	74HCU04D SOT108-1 TP INVERTER
		IC802	0IKE704200B	KIA7042P 3P 4.2V RESET(TAPING)
		IC901	0ISK615300A	STR-G6153T 5PIN FM CUT BK PWM
	OR	IC904	0IKE431000A	KIA431 3 PIN TP
		IC904	0ISS431000A	KA431AZ (LM431AZ)
		IC905	0ISS781200E	KA78R12 TO-220 LD 1A REGL
		IC906	0ISS791200A	KA7912 ST REGULATOR IC
		IC907	0IKE781200B	KIA7812PI 12V 1A,KEC
JACK				
		JK701	6612R-L002A	TORX178 TOSHIBA . .
		JK702	6620S-L001A	GP1F32T SHARP OPTICAL "H"
		JK703	6620S-L001A	GP1F32T SHARP OPTICAL "H"
		JK704	6612S-A005A	LGA6502-0150 SMK 2YEON .
		JK705	6612S-C008A	PJ6031 PARK ELEC 12YEON ACDR
COIL				
*		71R	636-004C	BEAD CORE BFS3550R2FD8,R T/P
		L903	633-088D	CHOCK ,20UH,LEAD CUT
		L904	633-088D	CHOCK ,20UH,LEAD CUT
		L905	633-088G	CHOCK(22MH) TP 5MM
		L908	633-088G	CHOCK(22MH) TP 5MM
		L909	633-088G	CHOCK(22MH) TP 5MM
		L910	633-088G	CHOCK(22MH) TP 5MM
		L911	633-088G	CHOCK(22MH) TP 5MM
		W917	0LR0102K035	10M K 6X6 L5 TP
LED				
		LD801	0DL341829AA	SM3418F2T TP AUK GREEN .
		LD802	0DL341829AA	SM3418F2T TP AUK GREEN .
		LD803	0DL341829AA	SM3418F2T TP AUK GREEN .
		LD804	0DL341829AA	SM3418F2T TP AUK GREEN .
		LD805	0DL341829AA	SM3418F2T TP AUK GREEN .
		LD806	0DL341829AA	SM3418F2T TP AUK GREEN .
		LD807	0DL341829AA	SM3418F2T TP AUK GREEN .
		LD808	0DL341829AA	SM3418F2T TP AUK GREEN .
		LD809	0DL341829AA	SM3418F2T TP AUK GREEN .
		LD810	0DL341829AA	SM3418F2T TP AUK GREEN .
		LD811	0DL341829AA	SM3418F2T TP AUK GREEN .
		LD812	0DL341829AA	SM3418F2T TP AUK GREEN .
		LD813	0DL341829AA	SM3418F2T TP AUK GREEN .
		LD814	0DL341829AA	SM3418F2T TP AUK GREEN .
		LD815	0DL341829AA	SM3418F2T TP AUK GREEN .
		LD816	0DL341829AA	SM3418F2T TP AUK GREEN .
		LD817	0DL341829AA	SM3418F2T TP AUK GREEN .
		LD818	0DL341829AA	SM3418F2T TP AUK GREEN .
		LD819	0DL341829AA	SM3418F2T TP AUK GREEN .
		LD820	0DL341829AA	SM3418F2T TP AUK GREEN .
CONNECTOR				
		PN203	561-711B	*WAFER,G/S GIL-S-02P-S2T2-EF
		PN502	561-711B	*WAFER,G/S GIL-S-02P-S2T2-EF
TRANSFORMER				
		T901	642-023Z	CSE-023Z SUJEONG WIDE EER-2828
TRANSISTOR				
		Q101	0TR144009AH	DTC144EK CHIP ROHM-J
		Q102	0TR144009AH	DTC144EK CHIP ROHM-J
		Q103	0TR144009AH	DTC144EK CHIP ROHM-J
		Q104	0TR144009AH	DTC144EK CHIP ROHM-J
		Q105	0TR144009AH	DTC144EK CHIP ROHM-J
		Q501	0TR103709BB	2SA1037K-Q CHIP ROHM-J
		Q502	0TR130409BA	KTD1304S TP KEC SOT-23 MUTING
		Q503	0TR144009AH	DTC144EK CHIP ROHM-J
		Q505	0TR130409BA	KTD1304S TP KEC SOT-23 MUTING
		Q506	0TR130409BA	KTD1304S TP KEC SOT-23 MUTING
		Q730	0TR319809AC	KTC3198-TP-BL (KTC1815)KEC
	OR	Q730	0TR319909AF	KTC3199-BL MINI TP KEC
	OR	Q730	0TR534309BA	2SC5343-L TP AUK TO92
		Q731	0TR103009AF	KRA103M-TP (KRA2203) KEC
	OR	Q731	0TR200309AA	KSR2003TA TP FAIRCHILD TO92

S	AL	LOCA.NO	PART NO(GS)	SPECIFICATION
		Q750	0TR130209AA	KTD1302 MUTING TP KEC TO92
		Q751	0TR130209AA	KTD1302 MUTING TP KEC TO92
		Q752	0TR130209AA	KTD1302 MUTING TP KEC TO92
		Q753	0TR130209AA	KTD1302 MUTING TP KEC TO92
		Q754	0TR319809AC	KTC3198-TP-BL (KTC1815)KEC
	OR	Q754	0TR319909AF	KTC3199-BL MINI TP KEC
	OR	Q754	0TR534309BA	2SC5343-L TP AUK TO92
		Q755	0TR130209AA	KTD1302 MUTING TP KEC TO92
		Q756	0TR103009AF	KRA103M-TP (KRA2203) KEC
	OR	Q756	0TR200309AA	KSR2003TA TP FAIRCHILD TO92
		Q760	0TR103009AF	KRA103M-TP (KRA2203) KEC
	OR	Q760	0TR200309AA	KSR2003TA TP FAIRCHILD TO92
		Q770	0TR319809AC	KTC3198-TP-BL (KTC1815)KEC
	OR	Q770	0TR319909AF	KTC3199-BL MINI TP KEC
	OR	Q770	0TR534309BA	2SC5343-L TP AUK TO92
		Q901	0TR319809AC	KTC3198-TP-BL (KTC1815)KEC
	OR	Q901	0TR319909AF	KTC3199-BL MINI TP KEC
	OR	Q901	0TR534309BA	2SC5343-L TP AUK TO92
		Q902	0TR115100AA	KSB1151-Y BK SAMSUNG TO-126
		Q904	0TR102009AE	KRA102M (KRA2202) TP KEC TO
		Q907	0TR115100AA	KSB1151-Y BK SAMSUNG TO-126
		Q908	0TR319809AC	KTC3198-TP-BL (KTC1815)KEC
	OR	Q908	0TR319909AF	KTC3199-BL MINI TP KEC
	OR	Q908	0TR534309BA	2SC5343-L TP AUK TO92
		Q910	0TR130209AA	KTD1302 MUTING TP KEC TO92
		Q911	0TR130209AA	KTD1302 MUTING TP KEC TO92

RESISTOR

		C537	0RH0102C622	10 1/16W 5 D.R/TP
		L101	6140H-B003G	NLC322522T-100K 10MH TDK
		L102	6140H-B003G	NLC322522T-100K 10MH TDK
		L103	6140H-B003G	NLC322522T-100K 10MH TDK
		L302	6140H-B003G	NLC322522T-100K 10MH TDK
		L402	6140H-B003G	NLC322522T-100K 10MH TDK
		L403	6140H-B003G	NLC322522T-100K 10MH TDK
		L463	6140H-A001A	BEAD C,HH-1H4532-121JT.CERATEH
		L501	6140H-B003G	NLC322522T-100K 10MH TDK
		L502	6140H-B003G	NLC322522T-100K 10MH TDK
		L503	6140H-B003G	NLC322522T-100K 10MH TDK
		L504	6140H-B003G	NLC322522T-100K 10MH TDK
		L505	6140H-B003G	NLC322522T-100K 10MH TDK
		L506	6140H-B003G	NLC322522T-100K 10MH TDK
		L507	6140H-B003G	NLC322522T-100K 10MH TDK
		L508	6140H-B003G	NLC322522T-100K 10MH TDK
		L509	6140H-B003G	NLC322522T-100K 10MH TDK
		L510	6140H-A001A	BEAD C,HH-1H4532-121JT.CERATEH
		L511	6140H-A001A	BEAD C,HH-1H4532-121JT.CERATEH
		R102	0RH6800C622	680 1/16W 5 D.R/TP
		R104	0RH6800C622	680 1/16W 5 D.R/TP
		R105	0RH4702C622	47K 1/16W 5 D.R/TP
		R106	0RH1201C622	1.2K 1/16W 5 D.R/TP
		R107	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R108	0RH4700C622	470 1/16W 5 D.R/TP
		R109	0RH1002C622	10K 1/16W 5 D.R/TP
		R110	0RH1002C622	10K 1/16W 5 D.R/TP
		R111	0RH1002C622	10K 1/16W 5 D.R/TP
		R112	0RH1002C622	10K 1/16W 5 D.R/TP
		R113	0RH1002C622	10K 1/16W 5 D.R/TP
		R114	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R115	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R116	0RH0000C622	0 1/16W 5 D.R/TP
		R117	0RH1801C622	1.8K 1/16W 5 D.R/TP

S	AL	LOCA.NO	PART NO(GS)	SPECIFICATION
		R118	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R119	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R12	0RH0000C622	0 1/16W 5 D.R/TP
		R120	0RH1801C622	1.8K 1/16W 5 D.R/TP
		R121	0RH0000C622	0 1/16W 5 D.R/TP
		R122	0RH2201C622	2.2K 1/16W 5 D.R/TP
		R123	0RH0000C622	0 1/16W 5 D.R/TP
		R124	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R126	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R127	0RH4702C622	47K 1/16W 5 D.R/TP
		R128	0RH1002C622	10K 1/16W 5 D.R/TP
		R129	0RH0000C622	0 1/16W 5 D.R/TP
		R13	0RH0000C622	0 1/16W 5 D.R/TP
		R130	0RH3302C622	33K 1/16W 5 D.R/TP
		R131	0RH3302C622	33K 1/16W 5 D.R/TP
		R132	0RH3302C622	33K 1/16W 5 D.R/TP
		R133	0RH1502C622	15K 1/16W 5 D.R/TP
		R134	0RH1501C622	1.5K 1/16W 5 D.R/TP
		R135	0RH4702C622	47K 1/16W 5 D.R/TP
		R136	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R137	0RH4702C622	47K 1/16W 5 D.R/TP
		R138	0RH4702C622	47K 1/16W 5 D.R/TP
		R139	0RH0000C622	0 1/16W 5 D.R/TP
		R14	0RH0000C622	0 1/16W 5 D.R/TP
		R140	0RH1002C622	10K 1/16W 5 D.R/TP
		R141	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R142	0RH1502C622	15K 1/16W 5 D.R/TP
		R143	0RH1004C622	1M 1/16W 5 D.R/TP
		R144	0RH2202C622	22K 1/16W 5 D.R/TP
		R145	0RH0000C622	0 1/16W 5 D.R/TP
		R146	0RH0000C622	0 1/16W 5 D.R/TP
		R147	0RH1002C622	10K 1/16W 5 D.R/TP
		R148	0RH0000C622	0 1/16W 5 D.R/TP
		R149	0RH1000C622	100 1/16W 5 D.R/TP
		R15	0RH0000C622	0 1/16W 5 D.R/TP
		R150	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R151	0RH3300C622	330 1/16W 5 D.R/TP
		R152	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R153	0RH6802C622	68K 1/16W 5 D.R/TP
		R154	0RH6802C622	68K 1/16W 5 D.R/TP
		R155	0RH1004C622	1M 1/16W 5 D.R/TP
		R156	0RH3303C622	330K 1/16W 5 D.R/TP
		R157	0RH0000C622	0 1/16W 5 D.R/TP
		R158	0RH1000C622	100 1/16W 5 D.R/TP
		R159	0RH2702C622	27K 1/16W 5 D.R/TP
		R16	0RH0000C622	0 1/16W 5 D.R/TP
		R160	0RH2702C622	27K 1/16W 5 D.R/TP
		R161	0RH6800C622	680 1/16W 5 D.R/TP
		R162	0RH6800C622	680 1/16W 5 D.R/TP
		R163	0RH6800C622	680 1/16W 5 D.R/TP
		R164	0RH6800C622	680 1/16W 5 D.R/TP
		R165	0RH6800C622	680 1/16W 5 D.R/TP
		R166	0RH2202C622	22K 1/16W 5 D.R/TP
		R167	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R168	0RH4700C622	470 1/16W 5 D.R/TP
		R169	0RH1002C622	10K 1/16W 5 D.R/TP
		R17	0RH0000C622	0 1/16W 5 D.R/TP
		R171	0RH8202C622	82K 1/16W 5 D.R/TP
		R172	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R173	0RH2202C622	22K 1/16W 5 D.R/TP
		R174	0RH1002C622	10K 1/16W 5 D.R/TP
		R18	0RH0000C622	0 1/16W 5 D.R/TP

S	AL	LOCA.NO	PART NO(GS)	SPECIFICATION
		R181	0RH0000C622	0 1/16W 5 D.R/TP
		R202	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R203	0RH1003C622	100K 1/16W 5 D.R/TP
		R204	0RH1003C622	100K 1/16W 5 D.R/TP
		R205	0RH3902C622	39K 1/16W J D.R/TP
		R206	0RH3303C622	330K 1/16W 5 D.R/TP
		R207	0RH3902C622	39K 1/16W J D.R/TP
		R208	0RH4703C622	470K 1/16W 5 D.R/TP
		R209	0RH8202C622	82K 1/16W 5 D.R/TP
		R210	0RH6801C622	6.8K 1/16W 5 D.R/TP
		R211	0RH2201C622	2.2K 1/16W 5 D.R/TP
		R212	0RH1002C622	10K 1/16W 5 D.R/TP
		R216	0RH1000C622	100 1/16W 5 D.R/TP
		R217	0RH0000C622	0 1/16W 5 D.R/TP
		R218	0RH0000C622	0 1/16W 5 D.R/TP
		R219	0RH1000C622	100 1/16W 5 D.R/TP
		R220	0RH1000C622	100 1/16W 5 D.R/TP
		R221	0RH0000C622	0 1/16W 5 D.R/TP
		R226	0RH0181D622	1.8OHM 1 / 10 W 2012 5.00% D
		R227	0RH0181D622	1.8OHM 1 / 10 W 2012 5.00% D
		R229	0RH6802C622	68K 1/16W 5 D.R/TP
		R230	0RH1003C622	100K 1/16W 5 D.R/TP
		R231	0RH2703C622	270K 1/16W 5 D.R/TP
		R232	0RH1803C622	180K 1/16W 5 D.R/TP
		R233	0RH1003C622	100K 1/16W 5 D.R/TP
		R234	0RH4702C622	47K 1/16W 5 D.R/TP
		R236	0RH0000C622	0 1/16W 5 D.R/TP
		R237	0RH2202C622	22K 1/16W 5 D.R/TP
		R238	0RH2702C622	27K 1/16W 5 D.R/TP
		R239	0RH2202C622	22K 1/16W 5 D.R/TP
		R240	0RH2202C622	22K 1/16W 5 D.R/TP
		R241	0RH2202C622	22K 1/16W 5 D.R/TP
		R242	0RH2702C622	27K 1/16W 5 D.R/TP
		R244	0RH4703C622	470K 1/16W 5 D.R/TP
		R245	0RH1002C622	10K 1/16W 5 D.R/TP
		R246	0RH1002C622	10K 1/16W 5 D.R/TP
		R247	0RH1002C622	10K 1/16W 5 D.R/TP
		R248	0RH1002C622	10K 1/16W 5 D.R/TP
		R249	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R250	0RH6801C622	6.8K 1/16W 5 D.R/TP
		R251	0RH1002C622	10K 1/16W 5 D.R/TP
		R252	0RH1002C622	10K 1/16W 5 D.R/TP
		R255	0RH5601C622	5.6K 1/16W 5 D.R/TP
		R256	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R260	0RH4700C622	470 1/16W 5 D.R/TP
		R261	0RH4700C622	470 1/16W 5 D.R/TP
		R262	0RH1002C622	10K 1/16W 5 D.R/TP
		R263	0RH1002C622	10K 1/16W 5 D.R/TP
		R280	0RH1502C622	15K 1/16W 5 D.R/TP
		R281	0RH4702C622	47K 1/16W 5 D.R/TP
		R282	0RH2200C622	220 1/16W 5 D.R/TP
		R283	0RH1002C622	10K 1/16W 5 D.R/TP
		R284	0RH1002C622	10K 1/16W 5 D.R/TP
		R285	0RH1002C622	10K 1/16W 5 D.R/TP
		R286	0RH1002C622	10K 1/16W 5 D.R/TP
		R287	0RH0000C622	0 1/16W 5 D.R/TP
		R296	0RH2200C622	220 1/16W 5 D.R/TP
		R297	0RH4700C622	470 1/16W 5 D.R/TP
		R299	0RH0000C622	0 1/16W 5 D.R/TP
		R302	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R303	0RH5604C622	5.6M OHM 1 / 16 W 1608 5% D R/
		R304	0RH1502C622	15K 1/16W 5 D.R/TP

S	AL	LOCA.NO	PART NO(GS)	SPECIFICATION
		R305	0RH1800C622	180 1/16W 5 D.R/TP
		R306	0RH2200C622	220 1/16W 5 D.R/TP
		R307	0RH2200C622	220 1/16W 5 D.R/TP
		R308	0RH2200C622	220 1/16W 5 D.R/TP
		R309	0RH2200C622	220 1/16W 5 D.R/TP
		R310	0RH2200C622	220 1/16W 5 D.R/TP
		R311	0RH2200C622	220 1/16W 5 D.R/TP
		R312	0RH2200C622	220 1/16W 5 D.R/TP
		R313	0RH2200C622	220 1/16W 5 D.R/TP
		R314	0RH2200C622	220 1/16W 5 D.R/TP
		R315	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R316	0RH3302C622	33K 1/16W 5 D.R/TP
		R318	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R320	0RH0000C622	0 1/16W 5 D.R/TP
		R330	0RH2200C622	220 1/16W 5 D.R/TP
		R331	0RH2200C622	220 1/16W 5 D.R/TP
		R332	0RH2200C622	220 1/16W 5 D.R/TP
		R333	0RH2200C622	220 1/16W 5 D.R/TP
		R334	0RH2200C622	220 1/16W 5 D.R/TP
		R335	0RH2200C622	220 1/16W 5 D.R/TP
		R336	0RH2200C622	220 1/16W 5 D.R/TP
		R337	0RH2200C622	220 1/16W 5 D.R/TP
		R338	0RH0000C622	0 1/16W 5 D.R/TP
		R339	0RH3300C622	330 1/16W 5 D.R/TP
		R340	0RH2200C622	220 1/16W 5 D.R/TP
		R341	0RH2200C622	220 1/16W 5 D.R/TP
		R342	0RH3300C622	330 1/16W 5 D.R/TP
		R343	0RH0000C622	0 1/16W 5 D.R/TP
		R345	0RH2200C622	220 1/16W 5 D.R/TP
		R346	0RH2200C622	220 1/16W 5 D.R/TP
		R349	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R350	0RH4703C622	470K 1/16W 5 D.R/TP
		R351	0RH1500C622	150 1/16W 5 D.R/TP
		R352	0RH1000C622	100 1/16W 5 D.R/TP
		R353	0RH1000C622	100 1/16W 5 D.R/TP
		R354	0RH1000C622	100 1/16W 5 D.R/TP
		R355	0RH1000C622	100 1/16W 5 D.R/TP
		R356	0RH0472C622	47 1/16W 5 D.R/TP
		R357	0RH0472C622	47 1/16W 5 D.R/TP
		R358	0RH0472C622	47 1/16W 5 D.R/TP
		R359	0RH0472C622	47 1/16W 5 D.R/TP
		R360	0RH0472C622	47 1/16W 5 D.R/TP
		R361	0RH0472C622	47 1/16W 5 D.R/TP
		R362	0RH0472C622	47 1/16W 5 D.R/TP
		R363	0RH0472C622	47 1/16W 5 D.R/TP
		R364	0RH0472C622	47 1/16W 5 D.R/TP
		R365	0RH0472C622	47 1/16W 5 D.R/TP
		R366	0RH0472C622	47 1/16W 5 D.R/TP
		R367	0RH0472C622	47 1/16W 5 D.R/TP
		R368	0RH0472C622	47 1/16W 5 D.R/TP
		R376	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R377	0RH2200C622	220 1/16W 5 D.R/TP
		R378	0RH1002C622	10K 1/16W 5 D.R/TP
		R379	0RH1002C622	10K 1/16W 5 D.R/TP
		R380	0RH1002C622	10K 1/16W 5 D.R/TP
		R381	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R382	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R383	0RH1000C622	100 1/16W 5 D.R/TP
		R384	0RH1000C622	100 1/16W 5 D.R/TP
		R385	0RH1002C622	10K 1/16W 5 D.R/TP
		R387	0RH2702C622	27K 1/16W 5 D.R/TP
		R388	0RH8202C622	82K 1/16W 5 D.R/TP

S	AL	LOCA.NO	PART NO(GS)	SPECIFICATION
		R389	0RH1002C622	10K 1/16W 5 D.R/TP
		R392	0RH1002C622	10K 1/16W 5 D.R/TP
		R393	0RH0472C622	47 1/16W 5 D.R/TP
		R394	0RH0472C622	47 1/16W 5 D.R/TP
		R401	0RH1000C622	100 1/16W 5 D.R/TP
		R402	0RH1000C622	100 1/16W 5 D.R/TP
		R403	0RH1000C622	100 1/16W 5 D.R/TP
		R405	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R406	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R407	0RH1002C622	10K 1/16W 5 D.R/TP
		R408	0RH1000C622	100 1/16W 5 D.R/TP
		R409	0RH1000C622	100 1/16W 5 D.R/TP
		R414	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R433	0RH1002C622	10K 1/16W 5 D.R/TP
		R434	0RH0000C622	0 1/16W 5 D.R/TP
		R435	0RH1000C622	100 1/16W 5 D.R/TP
		R436	0RH6800C622	680 1/16W 5 D.R/TP
		R437	0RH1800C622	180 1/16W 5 D.R/TP
		R438	0RH1002C622	10K 1/16W 5 D.R/TP
		R439	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R440	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R441	0RH1000C622	100 1/16W 5 D.R/TP
		R442	0RH1000C622	100 1/16W 5 D.R/TP
		R443	0RH1002C622	10K 1/16W 5 D.R/TP
		R444	0RH1002C622	10K 1/16W 5 D.R/TP
		R445	0RH1002C622	10K 1/16W 5 D.R/TP
		R446	0RH1002C622	10K 1/16W 5 D.R/TP
		R447	0RH1002C622	10K 1/16W 5 D.R/TP
		R448	0RH1002C622	10K 1/16W 5 D.R/TP
		R449	0RH1002C622	10K 1/16W 5 D.R/TP
		R450	0RH1002C622	10K 1/16W 5 D.R/TP
		R451	0RH1002C622	10K 1/16W 5 D.R/TP
		R452	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R453	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R454	0RH1000C622	100 1/16W 5 D.R/TP
		R455	0RH1000C622	100 1/16W 5 D.R/TP
		R456	0RH1000C622	100 1/16W 5 D.R/TP
		R457	0RH1002C622	10K 1/16W 5 D.R/TP
		R458	0RH0332C622	33 1/16W 5 D.R/TP
		R459	0RH0332C622	33 1/16W 5 D.R/TP
		R460	0RH0332C622	33 1/16W 5 D.R/TP
		R461	0RH0332C622	33 1/16W 5 D.R/TP
		R462	0RH0332C622	33 1/16W 5 D.R/TP
		R463	0RH0332C622	33 1/16W 5 D.R/TP
		R464	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R465	0RH1002C622	10K 1/16W 5 D.R/TP
		R466	0RH3302C622	33K 1/16W 5 D.R/TP
		R467	0RH1000C622	100 1/16W 5 D.R/TP
		R468	0RH4703C622	470K 1/16W 5 D.R/TP
		R469	0RH4703C622	470K 1/16W 5 D.R/TP
		R470	0RH0332C622	33 1/16W 5 D.R/TP
		R471	0RH0332C622	33 1/16W 5 D.R/TP
		R472	0RH0332C622	33 1/16W 5 D.R/TP
		R473	0RH0332C622	33 1/16W 5 D.R/TP
		R474	0RH0332C622	33 1/16W 5 D.R/TP
		R475	0RH0332C622	33 1/16W 5 D.R/TP
		R476	0RH0000C622	0 1/16W 5 D.R/TP
		R477	0RH0000C622	0 1/16W 5 D.R/TP
		R478	0RH0000C622	0 1/16W 5 D.R/TP
		R479	0RH0000C622	0 1/16W 5 D.R/TP
		R480	0RH1000C622	100 1/16W 5 D.R/TP
		R481	0RH2200C622	220 1/16W 5 D.R/TP

S	AL	LOCA.NO	PART NO(GS)	SPECIFICATION
		R482	0RH2200C622	220 1/16W 5 D.R/TP
		R483	0RH4702C622	47K 1/16W 5 D.R/TP
		R484	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R485	0RH3300C622	330 1/16W 5 D.R/TP
		R486	0RH1000C622	100 1/16W 5 D.R/TP
		R487	0RH1000C622	100 1/16W 5 D.R/TP
		R488	0RH1000C622	100 1/16W 5 D.R/TP
		R489	0RH1000C622	100 1/16W 5 D.R/TP
		R490	0RH5101C422	5.10K 1/16W 1% D R/TP
		R493	0RH2200C622	220 1/16W 5 D.R/TP
		R494	0RH2200C622	220 1/16W 5 D.R/TP
		R495	0RH2200C622	220 1/16W 5 D.R/TP
		R496	0RH3300C622	330 1/16W 5 D.R/TP
		R497	0RH3300C622	330 1/16W 5 D.R/TP
		R498	0RH3300C622	330 1/16W 5 D.R/TP
		R499	0RH3300C622	330 1/16W 5 D.R/TP
		R501	0RH0682C622	68 1/16W 5 D.R/TP
		R501	0RH6800C622	680 1/16W 5 D.R/TP
		R502	0RH0682C622	68 1/16W 5 D.R/TP
		R502	0RH2200C622	220 1/16W 5 D.R/TP
		R503	0RH0222C622	22 1/16W 5 D.R/TP
		R504	0RH1202C422	12KOHM 1 / 16 W 1608 1% D R/TP
		R505	0RH1202C422	12KOHM 1 / 16 W 1608 1% D R/TP
		R506	0RH1002C622	10K 1/16W 5 D.R/TP
		R507	0RH0000C622	0 1/16W 5 D.R/TP
		R508	0RH0000C622	0 1/16W 5 D.R/TP
		R510	0RH1000C622	100 1/16W 5 D.R/TP
		R511	0RH1000C622	100 1/16W 5 D.R/TP
		R512	0RH1000C622	100 1/16W 5 D.R/TP
		R513	0RH6802C622	68K 1/16W 5 D.R/TP
		R514	0RH4700C622	470 1/16W 5 D.R/TP
		R515	0RH1803C622	180K 1/16W 5 D.R/TP
		R516	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R517	0RH2201C622	2.2K 1/16W 5 D.R/TP
		R518	0RH1002C622	10K 1/16W 5 D.R/TP
		R519	0RH8202C622	82K 1/16W 5 D.R/TP
		R522	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R523	0RH1002C622	10K 1/16W 5 D.R/TP
		R524	0RH1002C622	10K 1/16W 5 D.R/TP
		R525	0RH6801C622	6.8K 1/16W 5 D.R/TP
		R526	0RH1002C622	10K 1/16W 5 D.R/TP
		R527	0RH1002C622	10K 1/16W 5 D.R/TP
		R528	0RH3303C622	330K 1/16W 5 D.R/TP
		R529	0RH3302C622	33K 1/16W 5 D.R/TP
		R530	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R531	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R532	0RH1002C622	10K 1/16W 5 D.R/TP
		R534	0RH3302C622	33K 1/16W 5 D.R/TP
		R535	0RH1003C622	100K 1/16W 5 D.R/TP
		R536	0RH1002C622	10K 1/16W 5 D.R/TP
		R537	0RH1000C622	100 1/16W 5 D.R/TP
		R538	0RH1000C622	100 1/16W 5 D.R/TP
		R539	0RH1000C622	100 1/16W 5 D.R/TP
		R540	0RH1000C622	100 1/16W 5 D.R/TP
		R541	0RH1000C622	100 1/16W 5 D.R/TP
		R542	0RH1000C622	100 1/16W 5 D.R/TP
		R543	0RH1000C622	100 1/16W 5 D.R/TP
		R544	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R546	0RH1002C622	10K 1/16W 5 D.R/TP
		R547	0RH0000C622	0 1/16W 5 D.R/TP
		R548	0RH1003C622	100K 1/16W 5 D.R/TP
		R549	0RH1000C622	100 1/16W 5 D.R/TP

S	AL	LOCA.NO	PART NO(GS)	SPECIFICATION
		R550	0RH1000C622	100 1/16W 5 D.R/TP
		R551	0RH0000C622	0 1/16W 5 D.R/TP
		R552	0RH0000C622	0 1/16W 5 D.R/TP
		R553	0RH0000C622	0 1/16W 5 D.R/TP
		R554	0RH0000C622	0 1/16W 5 D.R/TP
		R555	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R556	0RH0000C622	0 1/16W 5 D.R/TP
		R557	0RH1000C622	100 1/16W 5 D.R/TP
		R558	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R559	0RH1000C622	100 1/16W 5 D.R/TP
		R560	0RH1000C622	100 1/16W 5 D.R/TP
		R561	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R562	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R563	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R564	0RH0000C622	0 1/16W 5 D.R/TP
		R565	0RH0000C622	0 1/16W 5 D.R/TP
		R566	0RH1000C622	100 1/16W 5 D.R/TP
		R567	0RH1000C622	100 1/16W 5 D.R/TP
		R568	0RH1000C622	100 1/16W 5 D.R/TP
		R569	0RH2202C622	22K 1/16W 5 D.R/TP
		R570	0RH4703C622	470K 1/16W 5 D.R/TP
		R571	0RH1500C622	150 1/16W 5 D.R/TP
		R572	0RH2202C622	22K 1/16W 5 D.R/TP
		R573	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R574	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R575	0RH8201C622	8.2K 1/16W 5 D.R/TP
		R576	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R577	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R578	0RH8201C622	8.2K 1/16W 5 D.R/TP
		R579	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R580	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R581	0RH1502C622	15K 1/16W 5 D.R/TP
		R582	0RH1002C622	10K 1/16W 5 D.R/TP
		R583	0RH1502C622	15K 1/16W 5 D.R/TP
		R584	0RH1002C622	10K 1/16W 5 D.R/TP
		R585	0RH0221D622	2.2 1/10W 5 D.R/TP
		R586	0RH0221D622	2.2 1/10W 5 D.R/TP
		R587	0RH0221D622	2.2 1/10W 5 D.R/TP
		R588	0RH0221D622	2.2 1/10W 5 D.R/TP
		R589	0RH0221D622	2.2 1/10W 5 D.R/TP
		R590	0RH0221D622	2.2 1/10W 5 D.R/TP
		R591	0RH0221D622	2.2 1/10W 5 D.R/TP
		R592	0RH2200C622	220 1/16W 5 D.R/TP
		R593	0RH2202C622	22K 1/16W 5 D.R/TP
		R594	0RH2200C622	220 1/16W 5 D.R/TP
		R595	0RH1002C622	10K 1/16W 5 D.R/TP
		R596	0RH1802C622	18K 1/16W 5 D.R/TP
		R597	0RH1002C622	10K 1/16W 5 D.R/TP
		R598	0RH1002C622	10K 1/16W 5 D.R/TP
		R599	0RH2202C622	22K 1/16W 5 D.R/TP
		R600	0RH1004C622	1M 1/16W 5 D.R/TP
		R601	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R602	0RH1002C622	10K 1/16W 5 D.R/TP
		R603	0RH2702C622	27K 1/16W 5 D.R/TP
		R604	0RH1002C622	10K 1/16W 5 D.R/TP
		R605	0RH0000C622	0 1/16W 5 D.R/TP
		R606	0RH1003C622	100K 1/16W 5 D.R/TP
		R607	0RH2201C622	2.2K 1/16W 5 D.R/TP
		R608	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R609	0RH1002C622	10K 1/16W 5 D.R/TP
		R610	0RH1002C622	10K 1/16W 5 D.R/TP
		R611	0RH4700C622	470 1/16W 5 D.R/TP

S	AL	LOCA.NO	PART NO(GS)	SPECIFICATION
		R612	0RH1002C622	10K 1/16W 5 D.R/TP
		R613	0RH4700C622	470 1/16W 5 D.R/TP
		R614	0RH1002C622	10K 1/16W 5 D.R/TP
		R615	0RH6800C622	680 1/16W 5 D.R/TP
		R616	0RH3300C622	330 1/16W 5 D.R/TP
		R618	0RH0000C622	0 1/16W 5 D.R/TP
		R622	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R623	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R624	0RH1002C622	10K 1/16W 5 D.R/TP
		R625	0RH0000C622	0 1/16W 5 D.R/TP
		R626	0RH1000C622	100 1/16W 5 D.R/TP
		R627	0RH1000C622	100 1/16W 5 D.R/TP
		R628	0RH1000C622	100 1/16W 5 D.R/TP
		R629	0RH1000C622	100 1/16W 5 D.R/TP
		R630	0RH6802C622	68K 1/16W 5 D.R/TP
		R631	0RH1003C622	100K 1/16W 5 D.R/TP
		R632	0RH0000C622	0 1/16W 5 D.R/TP
		R633	0RH0000C622	0 1/16W 5 D.R/TP
		R634	0RH1000C622	100 1/16W 5 D.R/TP
		R635	0RH1000C622	100 1/16W 5 D.R/TP
		R636	0RH1002C622	10K 1/16W 5 D.R/TP
		R637	0RH2702C622	27K 1/16W 5 D.R/TP
		R638	0RH8202C622	82K 1/16W 5 D.R/TP
		R639	0RH0000C622	0 1/16W 5 D.R/TP
		R648	0RH1000C622	100 1/16W 5 D.R/TP
		R649	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R650	0RH1000C622	100 1/16W 5 D.R/TP
		R651	0RH1800C622	180 1/16W 5 D.R/TP
		R652	0RH0822C622	82 1/16W 5 D.R/TP
		R653	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R654	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R655	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R656	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R657	0RH0682C622	68 1/16W 5 D.R/TP
		R659	0RH0222C622	22 1/16W 5 D.R/TP
		R660	0RH0222C622	22 1/16W 5 D.R/TP
		R661	0RH0332C622	33 1/16W 5 D.R/TP
		R662	0RH0332C622	33 1/16W 5 D.R/TP
		R663	0RH0332C622	33 1/16W 5 D.R/TP
		R664	0RH0332C622	33 1/16W 5 D.R/TP
		R665	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R666	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R667	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R668	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R669	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R670	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R671	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R672	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R681	0RH0000C622	0 1/16W 5 D.R/TP
		R691	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R692	0RH2202C622	22K 1/16W 5 D.R/TP
		R693	0RH3302C622	33K 1/16W 5 D.R/TP
		R694	0RH1003C622	100K 1/16W 5 D.R/TP
		R695	0RH6801C622	6.8K 1/16W 5 D.R/TP
		R696	0RH6801C622	6.8K 1/16W 5 D.R/TP
		R697	0RH0000C622	0 1/16W 5 D.R/TP
		R700	0RH3300C622	330 1/16W 5 D.R/TP
		R701	0RH3300C622	330 1/16W 5 D.R/TP
		R702	0RH3300C622	330 1/16W 5 D.R/TP
		R703	0RH3300C622	330 1/16W 5 D.R/TP
		R704	0RH2202C622	22K 1/16W 5 D.R/TP
		R705	0RH2202C622	22K 1/16W 5 D.R/TP

S	AL	LOCA.NO	PART NO(GS)	SPECIFICATION
		R706	0RH4700C622	470 1/16W 5 D.R/TP
		R707	0RH0472C622	47 1/16W 5 D.R/TP
		R708	0RH0472C622	47 1/16W 5 D.R/TP
		R709	0RH0472C622	47 1/16W 5 D.R/TP
		R710	0RH4702C622	47K 1/16W 5 D.R/TP
		R711	0RH4702C622	47K 1/16W 5 D.R/TP
		R712	0RH4702C622	47K 1/16W 5 D.R/TP
		R713	0RH4702C622	47K 1/16W 5 D.R/TP
		R714	0RH1002C622	10K 1/16W 5 D.R/TP
		R715	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R716	0RH1002C622	10K 1/16W 5 D.R/TP
		R717	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R718	0RH2701C622	2.7K 1/16W 5 D.R/TP
		R719	0RH1002C622	10K 1/16W 5 D.R/TP
		R720	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R721	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R722	0RH2701C622	2.7K 1/16W 5 D.R/TP
		R723	0RH1002C622	10K 1/16W 5 D.R/TP
		R724	0RH1002C622	10K 1/16W 5 D.R/TP
		R725	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R726	0RH1000C622	100 1/16W 5 D.R/TP
		R727	0RH1000C622	100 1/16W 5 D.R/TP
		R728	0RH1000C622	100 1/16W 5 D.R/TP
		R729	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R730	0RH1201C622	1.2K 1/16W 5 D.R/TP
		R731	0RH1201C622	1.2K 1/16W 5 D.R/TP
		R732	0RH1201C622	1.2K 1/16W 5 D.R/TP
		R733	0RH1201C622	1.2K 1/16W 5 D.R/TP
		R734	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R735	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R736	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R737	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R738	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R739	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R740	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R741	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R742	0RH2202C622	22K 1/16W 5 D.R/TP
		R743	0RH2202C622	22K 1/16W 5 D.R/TP
		R744	0RH4700C622	470 1/16W 5 D.R/TP
		R745	0RH4700C622	470 1/16W 5 D.R/TP
		R746	0RH1001D622	1.0K 1/10W 5 D.R/TP
		R747	0RH1001D622	1.0K 1/10W 5 D.R/TP
		R748	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R749	0RH3901C622	3.9K 1/16W 5 D.R/TP
		R750	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R751	0RH1000C622	100 1/16W 5 D.R/TP
		R752	0RH1000C622	100 1/16W 5 D.R/TP
		R753	0RH1000C622	100 1/16W 5 D.R/TP
		R754	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R755	0RH1201C622	1.2K 1/16W 5 D.R/TP
		R756	0RH1201C622	1.2K 1/16W 5 D.R/TP
		R757	0RH1201C622	1.2K 1/16W 5 D.R/TP
		R758	0RH1201C622	1.2K 1/16W 5 D.R/TP
		R759	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R760	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R761	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R762	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R763	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R764	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R765	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R766	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R767	0RH4700C622	470 1/16W 5 D.R/TP

S	AL	LOCA.NO	PART NO(GS)	SPECIFICATION
		R768	0RH4700C622	470 1/16W 5 D.R/TP
		R769	0RH1001D622	1.0K 1/10W 5 D.R/TP
		R770	0RH1001D622	1.0K 1/10W 5 D.R/TP
		R7701	0RH0222C622	22 1/16W 5 D.R/TP
		R7702	0RH0222C622	22 1/16W 5 D.R/TP
		R7704	0RH2200C622	220 1/16W 5 D.R/TP
		R7705	0RH2200C622	220 1/16W 5 D.R/TP
		R7706	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R7707	0RH2200C622	220 1/16W 5 D.R/TP
		R7708	0RH2200C622	220 1/16W 5 D.R/TP
		R7709	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R771	0RH1802C622	18K 1/16W 5 D.R/TP
		R7710	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R7711	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R7712	0RH1000C622	100 1/16W 5 D.R/TP
		R7713	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R7714	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R7715	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R7716	0RH3300C622	330 1/16W 5 D.R/TP
		R7718	0RH4700C622	470 1/16W 5 D.R/TP
		R7719	0RH3901C622	3.9K 1/16W 5 D.R/TP
		R772	0RH7501C622	7.5K 1/16W 5 D.R/TP
		R7720	0RH0472C622	47 1/16W 5 D.R/TP
		R7721	0RH4702C622	47K 1/16W 5 D.R/TP
		R7722	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R7723	0RH3901C622	3.9K 1/16W 5 D.R/TP
		R7724	0RH1001C622	1KOHM 1 / 16 W 1608 5.00% D
		R7725	0RH2701C622	2.7K 1/16W 5 D.R/TP
		R7726	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R7727	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R7728	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R7729	0RH4701C622	4.7K 1/16W 5 D.R/TP
		R773	0RH0222C622	22 1/16W 5 D.R/TP
		R7730	0RH1802C622	18K 1/16W 5 D.R/TP
		R7731	0RH7501C622	7.5K 1/16W 5 D.R/TP
		R7732	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R7733	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R7734	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R7735	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R7736	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R7737	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R7738	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R774	0RH5600C622	560 1/16W 5 D.R/TP
		R775	0RH1003C622	100K 1/16W 5 D.R/TP
		R776	0RH0222C622	22 1/16W 5 D.R/TP
		R778	0RH1003C622	100K 1/16W 5 D.R/TP
		R779	0RH5600C622	560 1/16W 5 D.R/TP
		R780	0RH1002C622	10K 1/16W 5 D.R/TP
		R781	0RH0000C622	0 1/16W 5 D.R/TP
		R782	0RH0000C622	0 1/16W 5 D.R/TP
		R783	0RH0000C622	0 1/16W 5 D.R/TP
		R784	0RH2200C622	220 1/16W 5 D.R/TP
		R785	0RH1000C622	100 1/16W 5 D.R/TP
		R786	0RH1000C622	100 1/16W 5 D.R/TP
		R787	0RH2200C622	220 1/16W 5 D.R/TP
		R788	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R789	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R790	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R791	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R792	0RH1000C622	100 1/16W 5 D.R/TP
		R793	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R794	0RH1500C622	150 1/16W 5 D.R/TP

S	AL	LOCA.NO	PART NO(GS)	SPECIFICATION
		R795	0RH1002C622	10K 1/16W 5 D.R/TP
		R796	0RH1004C622	1M 1/16W 5 D.R/TP
		R797	0RH0000C622	0 1/16W 5 D.R/TP
		R799	0RH3301C622	3.3K 1/16W 5 D.R/TP
		R801	0RD1801F608	1.8K 1/6W 5 TA26
		R802	0RD2701F608	2.7K 1/6W 5 TA26
		R803	0RD3301F608	3.3K 1/6W 5 TA26
		R804	0RD3901F608	3.9K 1/6W 5 TA26
		R805	0RD5601F608	5.6K 1/6W 5 TA26
		R806	0RD8201F608	8.2K 1/6W 5 TA26
		R807	0RD1502F608	15K 1/6W 5 TA26
		R808	0RD1801F608	1.8K 1/6W 5 TA26
		R809	0RD2701F608	2.7K 1/6W 5 TA26
		R810	0RD3301F608	3.3K 1/6W 5 TA26
		R811	0RD3901F608	3.9K 1/6W 5 TA26
		R812	0RD5601F608	5.6K 1/6W 5 TA26
		R813	0RD1801F608	1.8K 1/6W 5 TA26
		R814	0RD2701F608	2.7K 1/6W 5 TA26
		R815	0RD3301F608	3.3K 1/6W 5 TA26
		R816	0RD3901F608	3.9K 1/6W 5 TA26
		R817	0RD5601F608	5.6K 1/6W 5 TA26
		R818	0RD8201F608	8.2K 1/6W 5 TA26
		R819	0RD1502F608	15K 1/6W 5 TA26
		R820	0RD1802F608	18K 1/6W 5 TA26
		R821	0RD1802F608	18K 1/6W 5 TA26
		R822	0RD1802F608	18K 1/6W 5 TA26
		R823	0RD0182F608	18 1/6W 5 TA26
		R824	0RD0182F608	18 1/6W 5 TA26
		R825	0RD0182F608	18 1/6W 5 TA26
		R826	0RD0182F608	18 1/6W 5 TA26
		R827	0RD0182F608	18 1/6W 5 TA26
		R828	0RD0182F608	18 1/6W 5 TA26
		R829	0RD0182F608	18 1/6W 5 TA26
		R830	0RD0182F608	18 1/6W 5 TA26
		R831	0RD0182F608	18 1/6W 5 TA26
		R832	0RD0182F608	18 1/6W 5 TA26
		R833	0RD1000F608	100 1/6W 5 TA26
		R834	0RD3301F608	3.3K 1/6W 5 TA26
		R835	0RD2702F608	27K 1/6W 5 TA26
		R836	0RD8201F608	8.2K 1/6W 5 TA26
		R837	0RD1502F608	15K 1/6W 5 TA26
		R838	0RD2702F608	27K 1/6W 5 TA26
		R839	0RD8202F608	82K 1/6W 5 TA26
		R840	0RD2702F608	27K 1/6W 5 TA26
		R841	0RD4701F608	4.7K 1/6W 5 TA26
		R842	0RD1001F608	1.0K 1/6W 5 TA26
		R843	0RD1001F608	1.0K 1/6W 5 TA26
		R844	0RD1001F608	1.0K 1/6W 5 TA26
		R845	0RD1001F608	1.0K 1/6W 5 TA26
		R846	0RD1003F608	100K 1/6W 5 TA26
		R847	0RD4702F608	47K 1/6W 5 TA26
		R848	0RD4702F608	47K 1/6W 5 TA26
		R849	0RD4702F608	47K 1/6W 5 TA26
		R850	0RD4702F608	47K 1/6W 5 TA26
		R851	0RD4702F608	47K 1/6W 5 TA26
		R864	0RD1000F608	100 1/6W 5 TA26
		R901	614-007A	2.7/2W CEMENT SMPS V
		R902	0RS1003K619	100K OHM 2 W 5% TR
		R904	0RS5602K619	56KOHM 2 W 5% TR
		R905	0RD8202F608	82K 1/6W 5 TA26
		R911	0RS0350K619	0.35 OHM 2 W 5% TR
		R912	0RD0391F608	3.9 1/6W 5 TA26

S	AL	LOCA.NO	PART NO(GS)	SPECIFICATION
		R919	0RD4701F608	4.7K 1/6W 5 TA26
		R920	0RD4702F608	47K 1/6W 5 TA26
		R921	0RD1201F608	1.2K 1/6W 5 TA26
		R922	0RS1200J619	120 1W 5% TR
		R923	0RD4701F608	4.7K 1/6W 5 TA26
		R924	0RD3300F608	330 1/6W 5 TA26
		R925	0RD2201F608	2.2K 1/6W 5 TA26
		R926	0RD1001F608	1.0K 1/6W 5 TA26
		R927	0RN3601E408	3.6K OHM 1/8 W 1% TA26
		R928	0RN3301F408	3.3K 1/6W 1 TA26
		R929	0RD4702F608	47K 1/6W 5 TA26
		R930	0RD4701F608	4.7K 1/6W 5 TA26
		R931	0RS1200J619	120 1W 5% TR
		R933	0RD1201F608	1.2K 1/6W 5 TA26
		R941	0RD1002F608	10K 1/6W 5 TA26
		R942	0RD1002F608	10K 1/6W 5 TA26
		R943	0RD2201F608	2.2K 1/6W 5 TA26
		T701	6140R-C001C	75D-413 KWANGSUNG 100UH BULK
		T702	6140R-C001C	75D-413 KWANGSUNG 100UH BULK
SENSOR				
		IC711	657-063A	LTV-817B,PHOTO COUPLER(LITEON)
	OR	IC902	657-062B	PC123Y PHOTO-COUPLER(SARPH)
		IC902	657-063A	LTV-817B,PHOTO COUPLER(LITEON)
SWITCH				
		SWB01	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB02	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB03	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB04	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB05	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB06	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB07	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB08	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB09	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB10	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB11	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB12	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB13	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB14	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB15	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB16	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB17	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB18	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB19	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB20	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB21	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB22	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB23	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB24	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB25	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB26	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB27	556-219B	THVV502GAA POSTECH NON 12V 5A
		SWB28	556-219B	THVV502GAA POSTECH NON 12V 5A
RESONATOR				
		X302	6212HA0202A	CSACV20.00MXJ040-TC20 MURATA 2
		X501	6202R-BM01A	HC-49/SM5H KONY CHIP 33.8688MH
		X502	6212HA0202A	CSACV20.00MXJ040-TC20 MURATA 2

S	AL	LOCA.NO	PART NO(GS)	SPECIFICATION
ZENER DIODE				
		ZD901	0DZ510009EC	MTZJ5.1B,0.5W,TP TP ROHM